HCD-DR3/DR330/XB200

SERVICE MANUAL

AEP Model
UK Model
HCD-XB200
E Model
HCD-DR3/DR330
Australian Model
HCD-DR3

HCD-DR3/DR330/XB200 is the tuner, deck, CD and amplifier section in LBT-DR3/DR330/XB200.

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CD SECTION	Model Name Using Similar Mechanism	HCD-G2500
	Base Unit Type	KSM-213ECM/C2NP
	Optical Pick-up Type	KSS-213E/C2N
TAPE DECK SECTION	Model Name Using Similar Mechanism	NEW
	Tape Transport Mechanism Type	CWL-44-RR

SPECIFICATIONS

Amplifier section

(LBT-XB200)
DIN power output (Rated) 70W + 70W (6 Ω at 1 kHz DIN)
Continuous RMS power output (Reference) 80W + 80W (6 Ω at 1 kHz, 10% THD)
Music power output (Reference) 140W + 140W (6 Ω at 1 kHz, 10% THD)

(LBT-DR330/DR3)
The following measured at AC 110/220V, 60Hz ;
Continuous RMS power output (Reference) 85W + 85W (6 Ω at 1 kHz, 10% THD)
DIN power output (Rated) 70W + 70W (6 Ω at 1 kHz, DIN)

The following measured at AC 120/240V, 60Hz ;
Continuous RMS power output (Reference) 100W + 100W (6 Ω at 1 kHz, 10% THD)
DIN power output (Rated) 80W + 80W (6 Ω at 1 kHz, DIN)

Inputs
PHONO IN (phono jack): sensitivity 3mV, impedance 47 kΩ
MD/VIDEO IN (phono jacks): sensitivity 250mV, impedance 47 kΩ

Outputs
PHONOS (stereo phono jacks): accepts headphones of 8 Ω or more
MD/VIDEO OUT (phone jack): voltage 250mV, impedance 1 kΩ
SPEAKER: accepts impedance of 6 to 16 Ω

CD player section

System: Compact disc and digital audio system
Laser: Semiconductor laser (λ = 780 nm)
Emission duration: continuous
Laser output: Max. 44.6µW*
*This output is the value measured at a distance of 200 mm from the objective lens surface on the Optical Pock-up Block with 7 mm aperture.

Wavelength 780 – 790 nm
Frequency response 20Hz – 20kHz (±0.5 dB)
Signal-to-noise retio More than 90 dB
Dynamic range More than 90 dB
DIGITAL OUT
(Square optical connector jack, rear panel)
Wavelength 600 nm
Output Level –18 dBm

Tape deck section

Recording system 4-track 2-channel stereo
Frequency response (DOLBY NR OFF) 60 – 13,000 Hz (±3 dB), using a Sony TYPE I cassette

Tuner section

FM stereo, FM/AM superheterodyne tuner

FM tunr section

Tuning range 87.5 – 108.0 MHz (50 kHz step)

Continued on next page

COMPACT Hi-Fi STEREO SYSTEM

MICROFILM

SONY®

AM tuner section

Tuning renge

European and Middle Eastern models:
531 – 1,602 kHz
(with the tuning interval set at 9 kHz)

Other models:
531 – 1,602 kHz
(with the tuning interval set at 9 kHz)
530 – 1,710 kHz
(with the tuning interval set at 10 kHz)

Antenna: AM loop antenna, External antenna terminals

Intermediate frequency: 450 kHz

General

Power requirements

European model: 230 V AC, 50/60 Hz
Mexican model: 120V AC, 50/60 Hz
Australian model: 220 – 240 V AC, 50/60 Hz
Other models: 110 – 120 V or 220 – 240 V AC, 50/60 Hz Adjustable with voltage selector

Power consumption
(HCD-DR330/DR3): 180W
(HCD-XB200): 135W

Dimensions(w/h/d): Approx. 355 × 425 × 442 mm ($14 \times 16^{3}/_{4} \times 17^{1}/_{2}$ in) incl. projecting parts and controls

Mass: Approx. 13.1 kg (28 lb 14 oz.)

Supplied accessories: AM loop antenna (1), Remote RM-SG7B (1), FM wire antenna (1)

Design and specifications are subject to change without notice

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Notes on chip component replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

Flexible Circuit Board Repairing

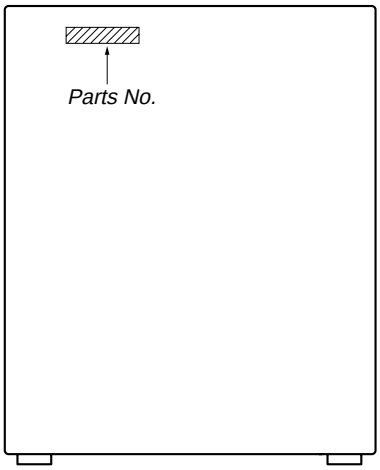
- Keep the temperature of soldering iron around 270˚C during repairing.
- Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
- Be careful not to apply force on the conductor when soldering or unsoldering.

Laser component in this product is capable of emitting radiation exceeding the limit for Class 1.

This appliance is classified as a CLASS 1 LASER product. The CLASS 1 LASER PRODUCT MARKING is located on the rear exterior.

The following caution label is located inside the unit.

MODEL IDENTIFICATION



PARTS No.	MODEL
4-222-140-0☐	XB200 : AEP, UK
4-222-141-0☐	XB200 : EE, CIS
4-222-142-0☐	DR3 : E, SP, AR
4-222-143-0☐	DR3 : AUS
4-222-144-0☐	DR3 : MX
4-222-145-0☐	DR330

- Abbreviation
  SP : Singapore model
  MX : Mexican model
  AR : Argentina model
  AUS : Australian model
  EE : East European model

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

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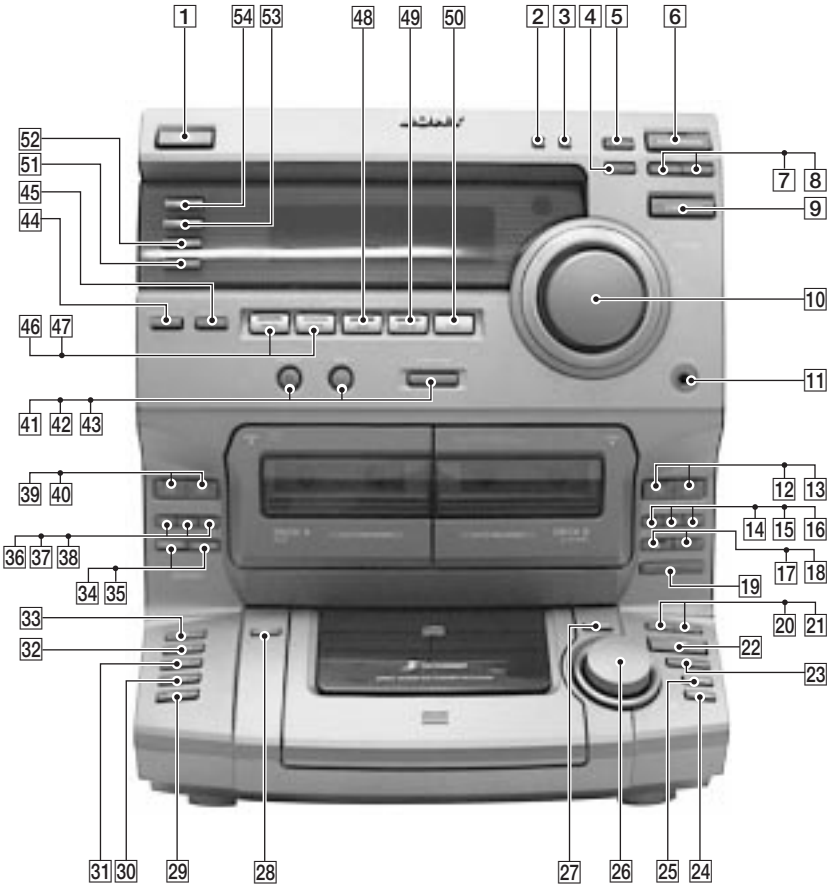
SECTION 1
GENERAL

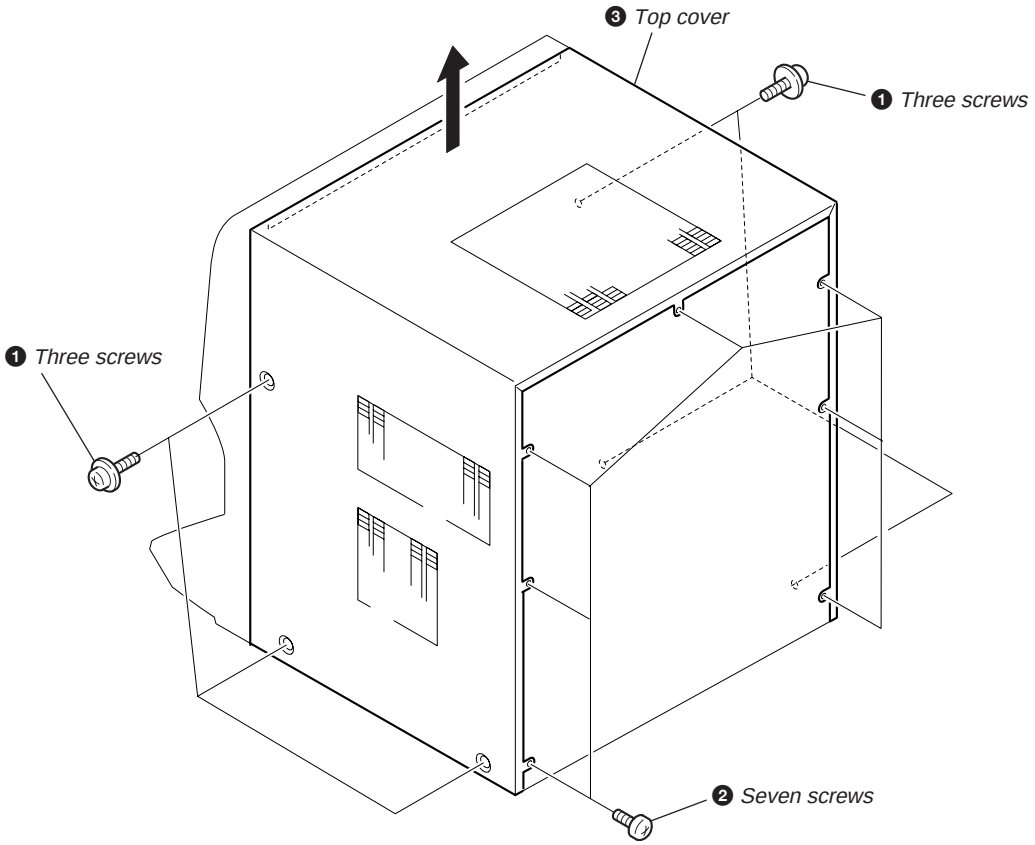


1	I/⏻ (POWER) button	19	CD SYNCHRO button	37	◀◀ button (DECK A)
2	TUNING MODE button	20	◀◀ button (CD)	38	▶▶ button (DECK A)
3	STEREO/MONO button	21	▶▶ button (CD)	39	◁ button (DECK A)
4	TUNER MEMORY button	22	▷II button (CD)	40	▷ button (DECK A)
5	ENTER/NEXT button	23	■ button (CD)	41	GROOVE button
6	TUNER/BAND button	24	REPEAT button	42	DBFB button
7	TUNING – button	25	PLAY MODE button	43	SURROUND button
8	TUNING + button	26	AMS knob	44	SPECTRUM ANALYZER button
9	FUNCTION button	27	DISC SKIP button	45	DISPLAY/DEMO button
10	VOLUME knob	28	EDIT button	46	ROCK button
11	PHONES jack	29	DISC 5 button	47	POPS button
12	◁ button (DECK B)	30	DISC 4 button	48	JAZZ button
13	▷ button (DECK B)	31	DISC 3 button	49	SALSA button
14	■ button (DECK B)	32	DISC 2 button	50	FLAT button
15	◀◀ button (DECK B)	33	DISC 1 button	51	◴ /CLOCK SET button
16	▶▶ button (DECK B)	34	DIRECTION button	52	SLEEP button
17	II button (DECK B)	35	DOLBY NR button	53	TIMER REC button
18	● REC button (DECK B)	36	■ button (DECK A)	54	DAILY button

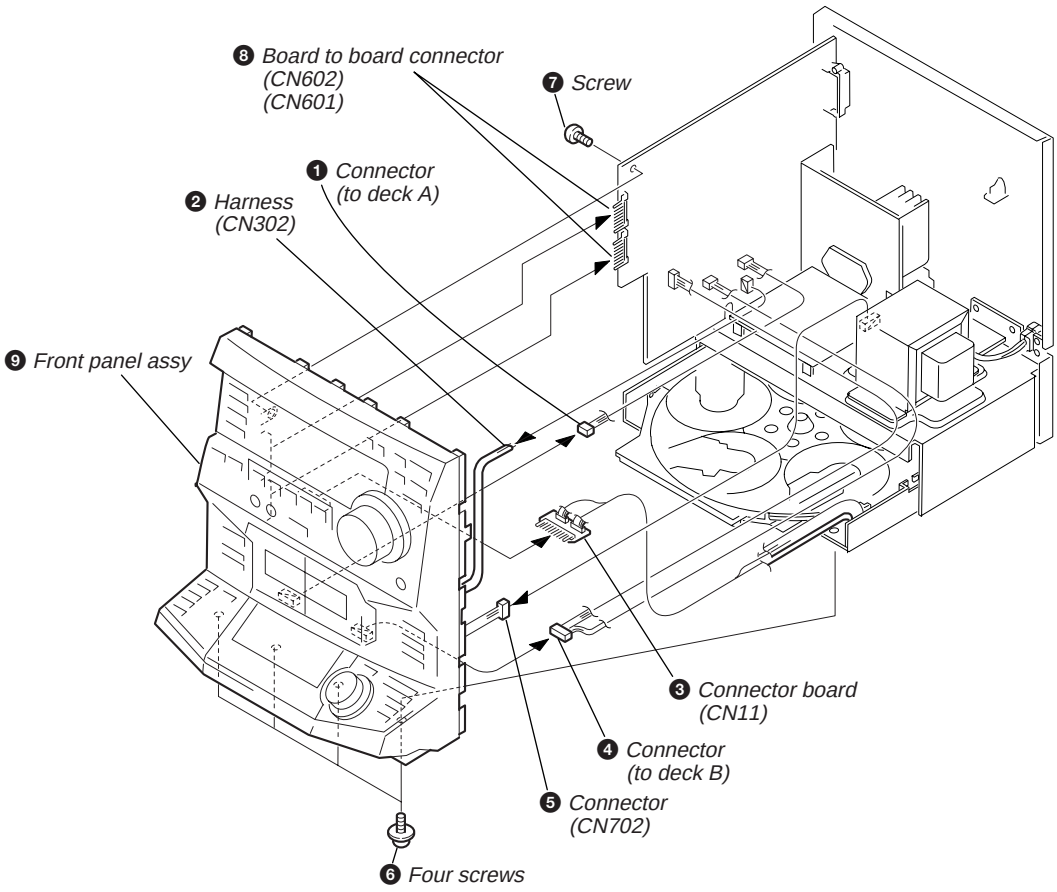
SECTION 2
DISASSEMBLY

Note : Follow the disassembly procedure in the numerical order given.

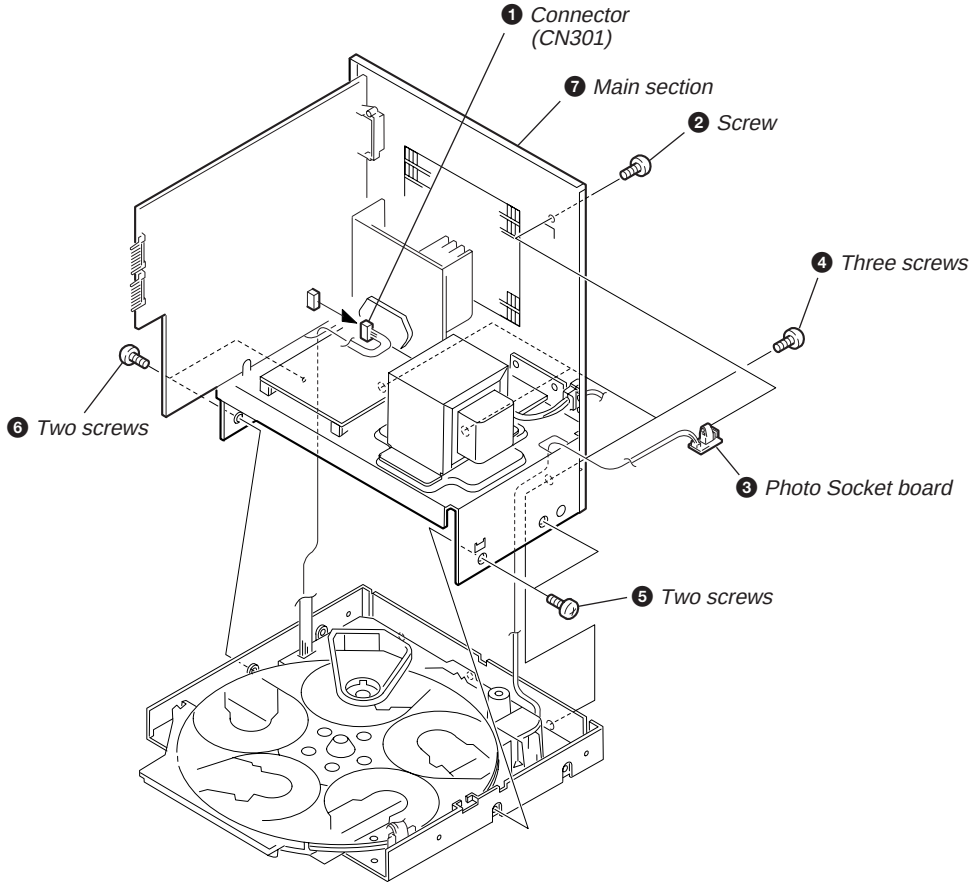
2-1. TOP COVER



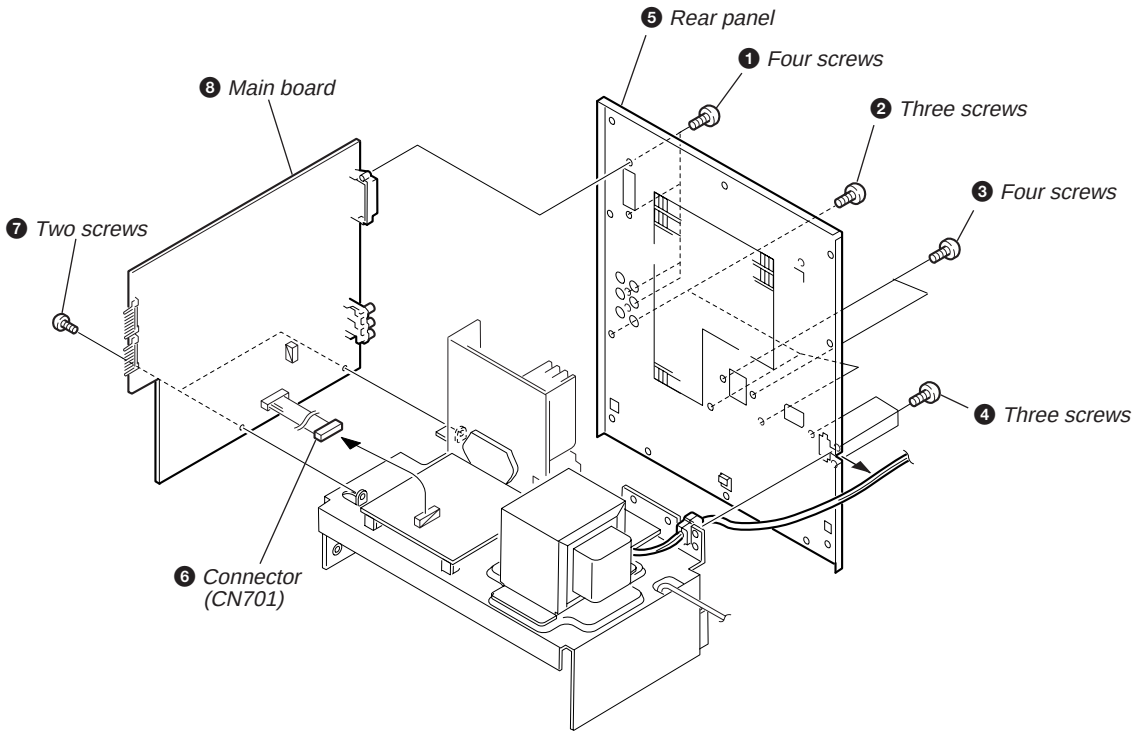
2-2. FRONT PANEL ASSY



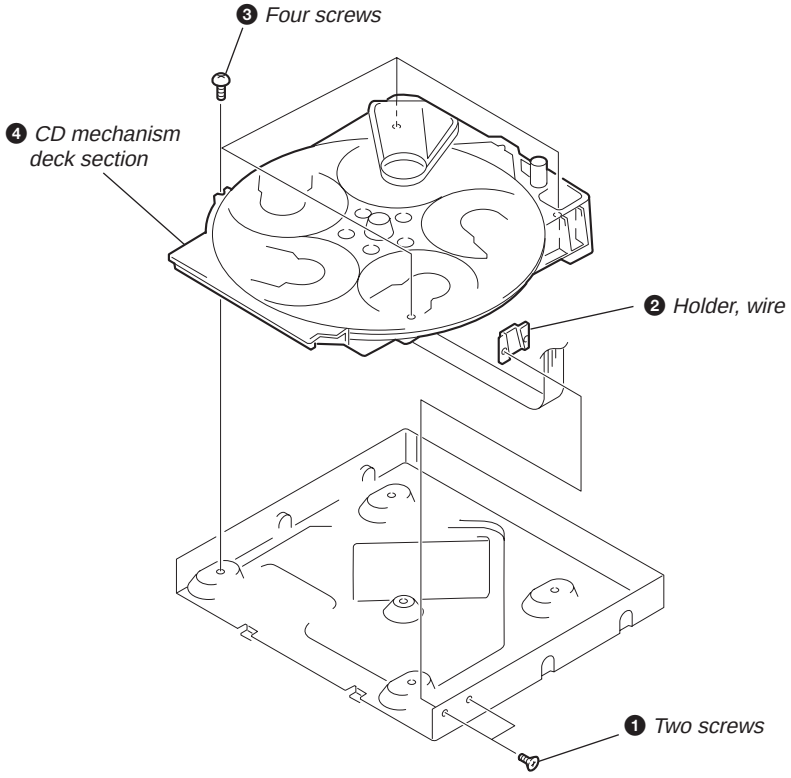
2-3. MAIN SECTION



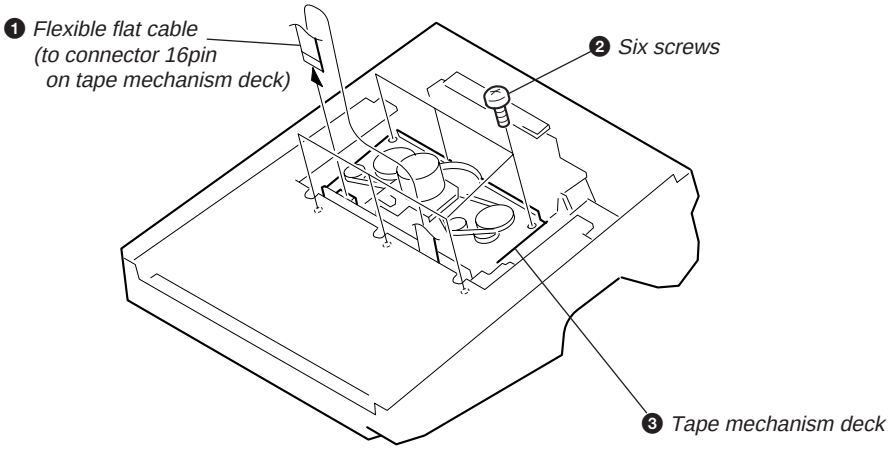
2-4. MAIN BOARD



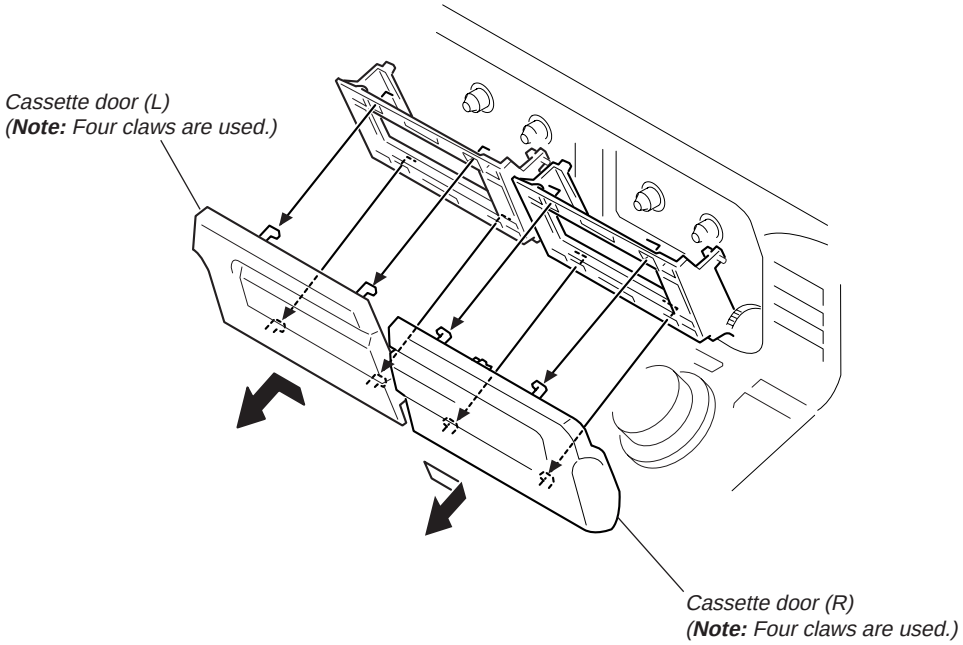
2-5. CD MECHANISM DECK SECTION



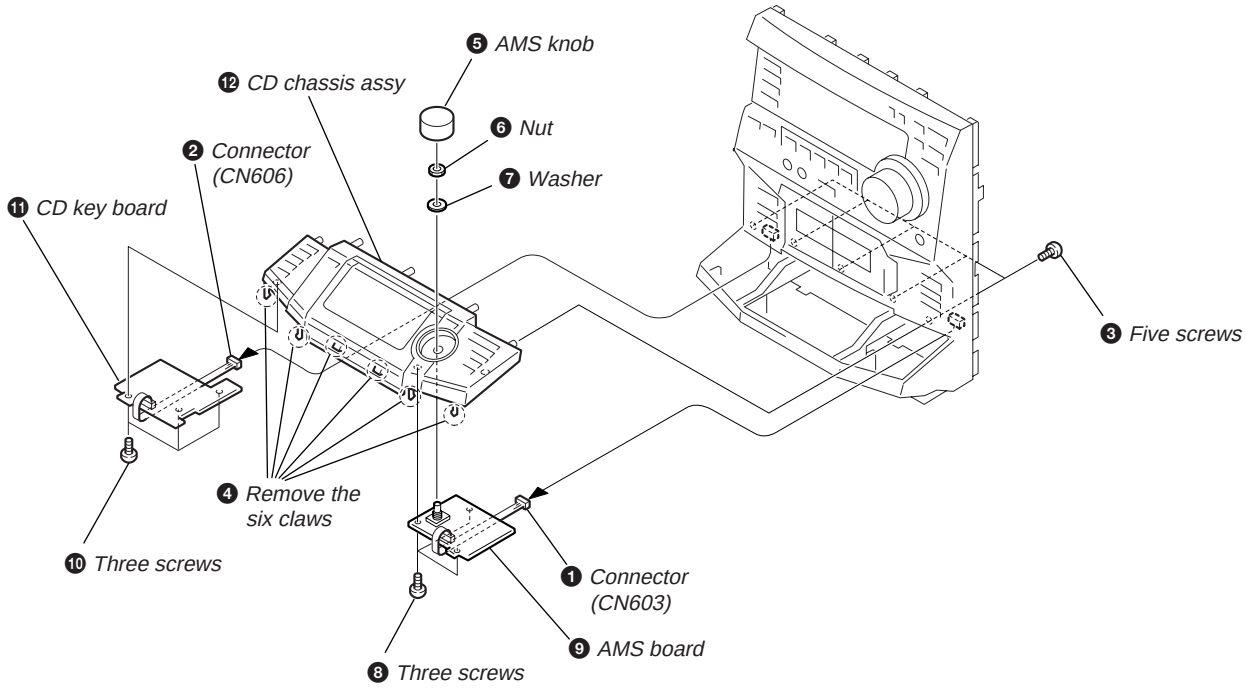
2-6. TAPE MECHANISM DECK



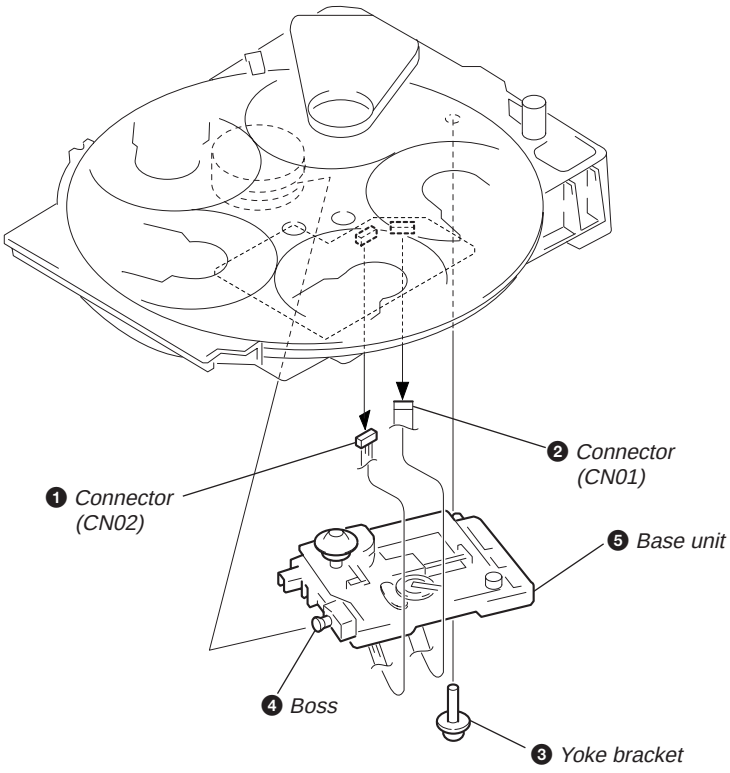
2-7. CASSETTE DOORS



2-8. CD CHASSIS ASSY

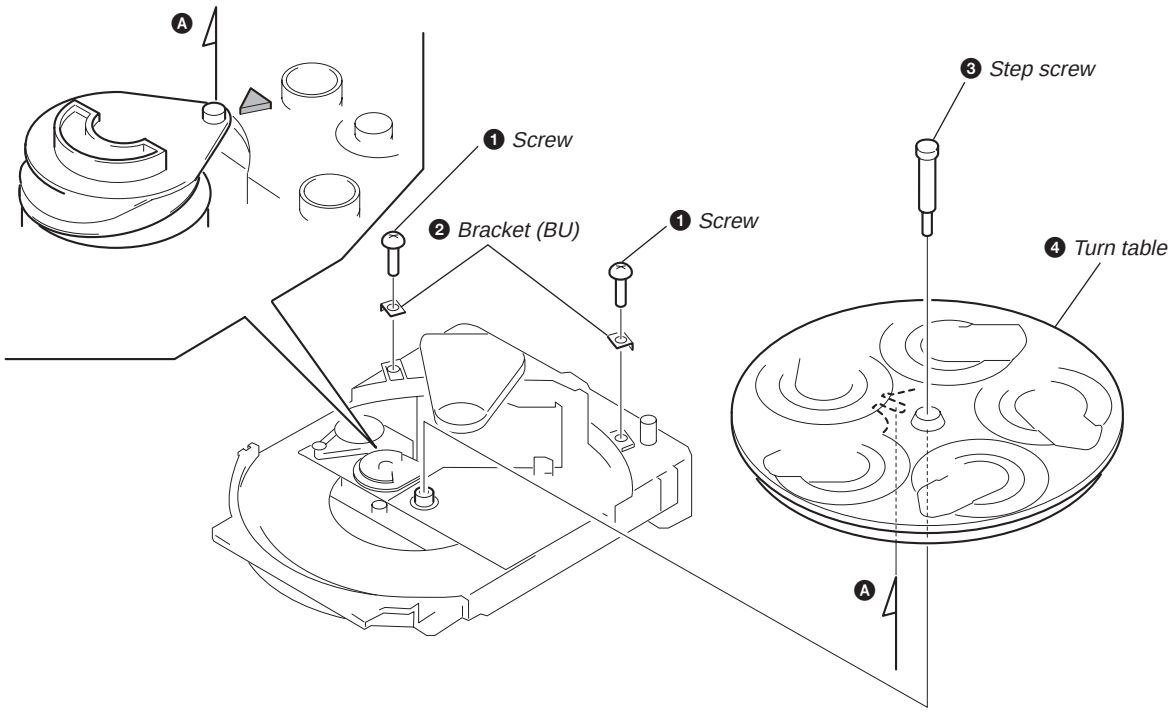


2-9. BASE UNIT



2-10. TURN TABLE

Note:
When the disc table is installed, adjust the positions of roller can and mark ▶ as shown in the figure, then set to the groove of disc table.



SECTION 3
MECHANICAL ADJUSTMENTS

Precaution

1. Clean the following parts with a denatured alcohol-moistened swab:
   record/playback head — pinch rollers
   erase head — rubber belts
   capstan — idlers
2. Demagnetize the record/playback head with a head demagnetizer.
3. Do not use a magnetized screwdriver for the adjustments.
4. After the adjustments, apply suitable locking compound to the parts adjusted.
5. The adjustments should be performed with the rated power supply voltage unless otherwise noted.

Torque Measurement

Torque	Torque meter	Meter reading
FWD	CQ-102C	40 to 70 g • cm (0.56 - 0.97 oz • inch)
FWD back tension	CQ-102C	1 to 5 g • cm (0.01 - 0.07 oz • inch)
FF/REW	CQ-201B	55 to 140 g • cm (0.76 - 1.94 oz • inch)

SECTION 4
ELECTRICAL ADJUSTMENTS

DECK SECTION **0 dB=0.775V**

1. Demagnetize the record/playback head with a head demagnetizer.
2. Do not use a magnetized screwdriver for the adjustments.
3. After the adjustments, apply suitable locking compound to the parts adjusted.
4. The adjustments should be performed with the rated power supply voltage unless otherwise noted.
5. The adjustments should be performed in the order given in this service manual. (As a general rule, playback circuit adjustment should be completed before performing recording circuit adjustment.)
6. The adjustments should be performed for both L-CH and R-CH.

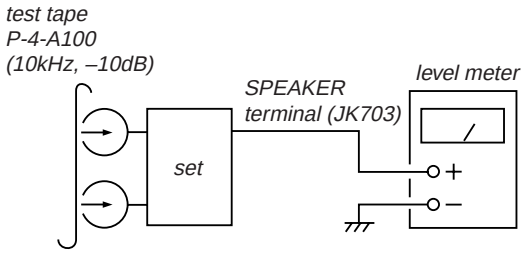
Tape	Signal	Used for
P-4-A100	10 kHz, –10 dB	Azimuth Adjustment
WS-48B	3 kHz, 0 dB	Tape Speed Adjustment

Record/Playback Head Azimuth Adjustment (Deck A, Deck B)

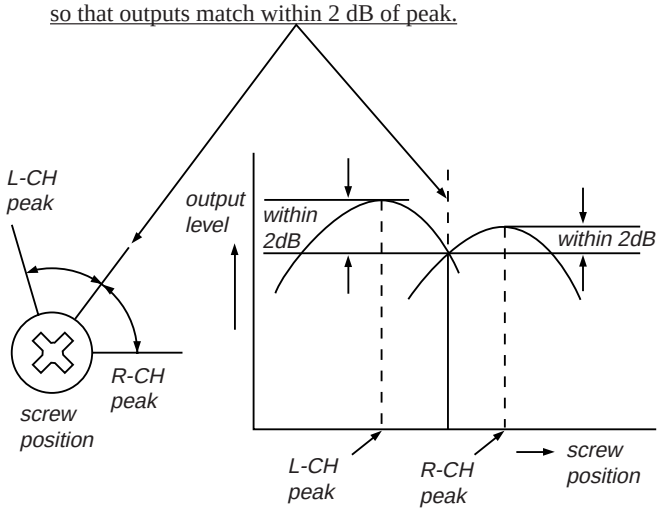
Note: Perform this adjustments for both decks.

Procedure:

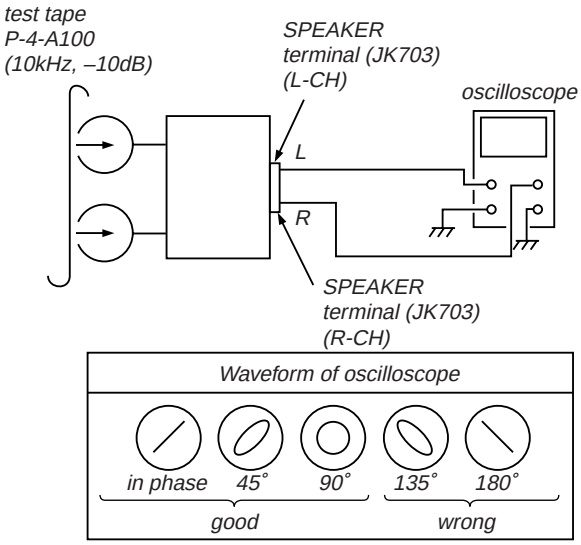
1. Mode : Playback



2. Turn the adjustment screw and check output peaks. If the peaks do not match for L-CH and R-CH, turn the adjustment screw so that outputs match within 2 dB of peak.

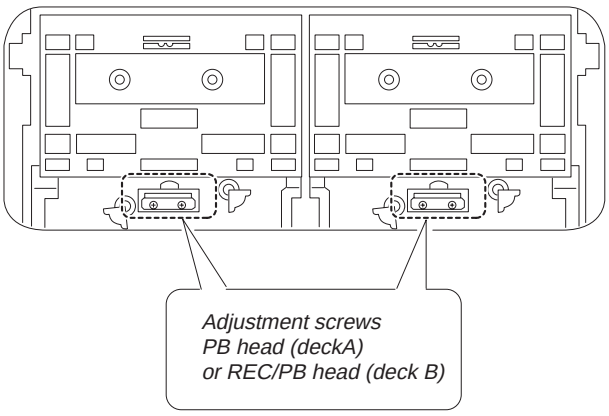


3. Mode: Playback



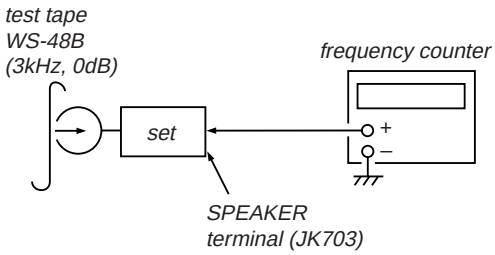
4. After the adjustments, apply suitable locking compound to the parts adjusted.

Adjustment Location:
Remove the cassette lid before adjustment (See page 8)



Tape Speed Adjustment (Deck A)

Procedure:
1. Mode: Playback

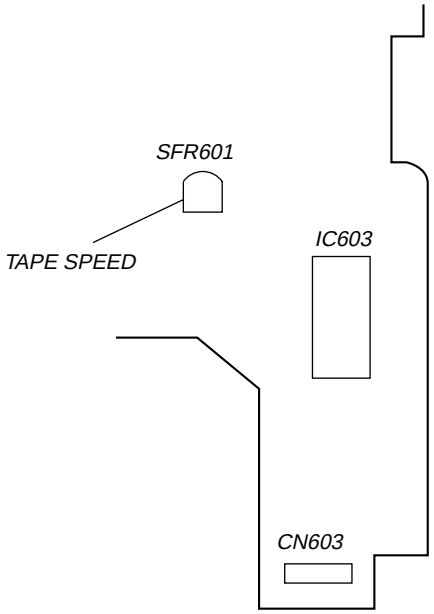


2. Adjust the SFR601 so that the frequency counter reads 3,000 Hz ± 90Hz.

Adjustment Location: FRONT board

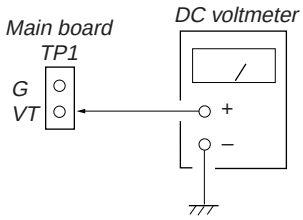
Sample Value of Wow and flutter
W. RMS (JIS) within 0.3%
(test tape: WS-48B)

Adjustment Location: FRONT board
[FRONT BOARD] — Component side —



TUNER SECTION | 0 dB=1μV

AM Tuning Voltage Adjustment

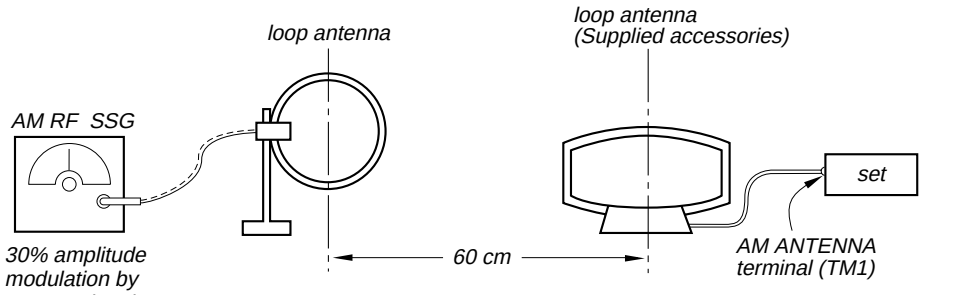


Procedure:

1. Set the reception frequency of the unit to 530 kHz.
2. Adjust L105 for 1.2 ± 0.05 V reading on the DC voltmeter.
3. Set the reception frequency of the unit to 1,710 kHz.
4. Confirm that the voltage reading on the DC voltmeter is within 8.0 ± 0.5 V.

Adjustment Location: MAIN board (See page 13)

AM Tracking Adjustment



Field strength dB (μV/m) =SSG output level dB (μV/m) –26 dB.

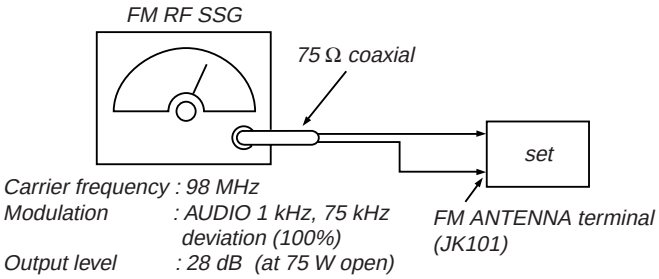
Procedure:

1. Tune the set to 600 kHz.
2. Set the output of AM RF SSG so that the input level of the set will become 60 dB (μV/m).
3. Adjust L104 so that when the waveform on the oscilloscope is maximum, no noise appears.
4. Tune the set to 1,400 kHz.
5. Adjust TC102 so that when the waveform on the oscilloscope is maximum, no noise appears.

- Repeat the procedures in each adjustment several times, and the tracking adjustment should be finally done by the trimmer capacitors.

Adjustment Location: MAIN board (See page 13)

FM Tuned Level Adjustment


FM RF SSG
75 Ω coaxial
set
Carrier frequency : 98 MHz
Modulation : AUDIO 1 kHz, 75 kHz deviation (100%)
Output level : 28 dB (at 75 W open)
FM ANTENNA terminal (JK101)

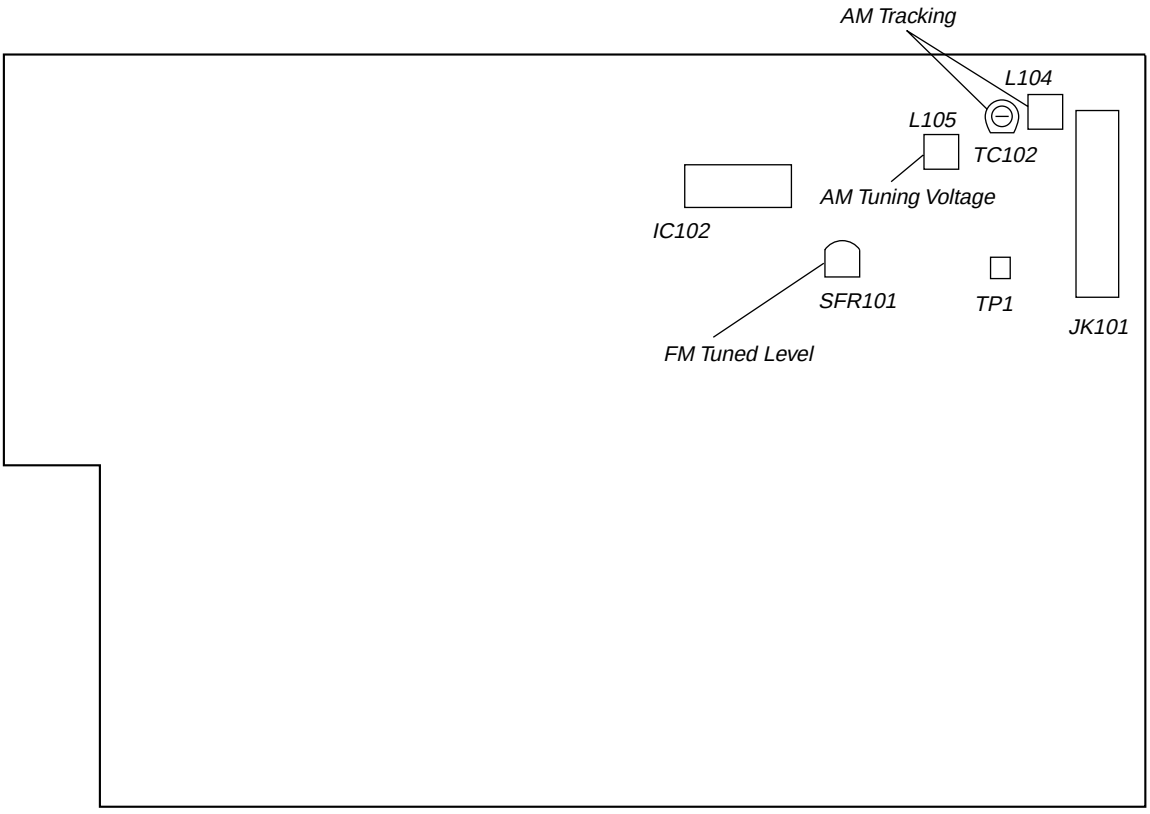
Procedure:

1. Supply a 28 dB 98 MHz signal from the ANTENNA terminal.
2. Tune the set to 98 MHz.
3. Adjust SFR101 to the point (moment) when the TUNED indicator will change from going off to going on.

Adjustment Location: MAIN board

Adjustment Location

[MAIN BOARD] — Component side —

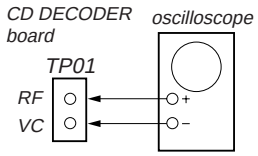


CD SECTION

Note:

1. CD Block is basically constructed to operate without adjustment. Therefore, check each item in order given.
2. Use YEDS-18 disc (3-702-101-01) unless otherwise indicated.
3. Use an oscilloscope with more than 10MΩ impedance.
4. Clean the object lens by an applicator with neutral detergent when the signal level is low than specified value with the following checks.
5. Adjust the focus bias adjustment when optical pick-up block is replaced.

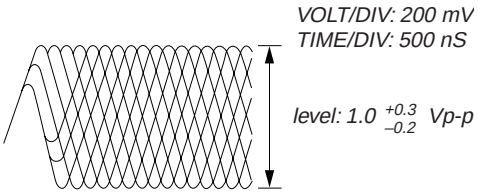
RF Level Check



Procedure :

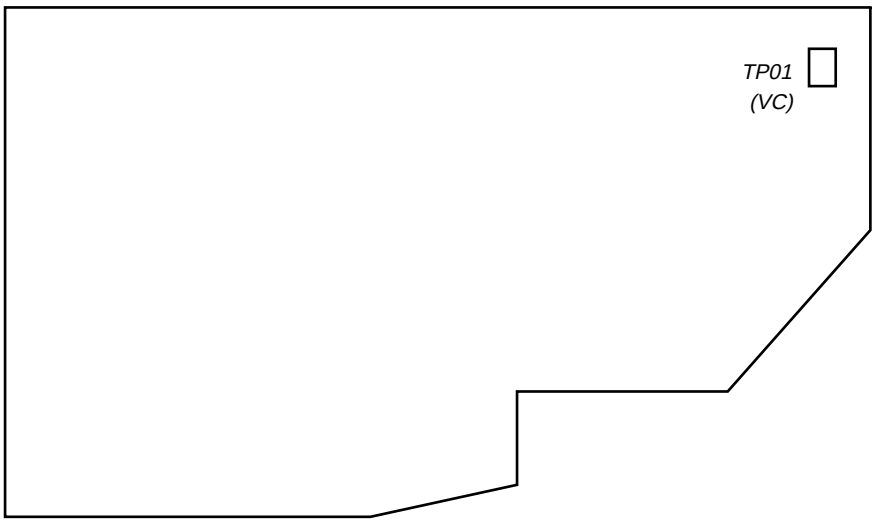
1. Connect oscilloscope to test point TP01 on CD DECODER board.
2. Turned Power switch on.
3. Put disc (YEDS-18) in and playback.
4. Confirm that oscilloscope waveform is clear and check RF signal level is correct or not.

Note: Clear RF signal waveform means that the shape "◊" can be clearly distinguished at the center of the waveform.



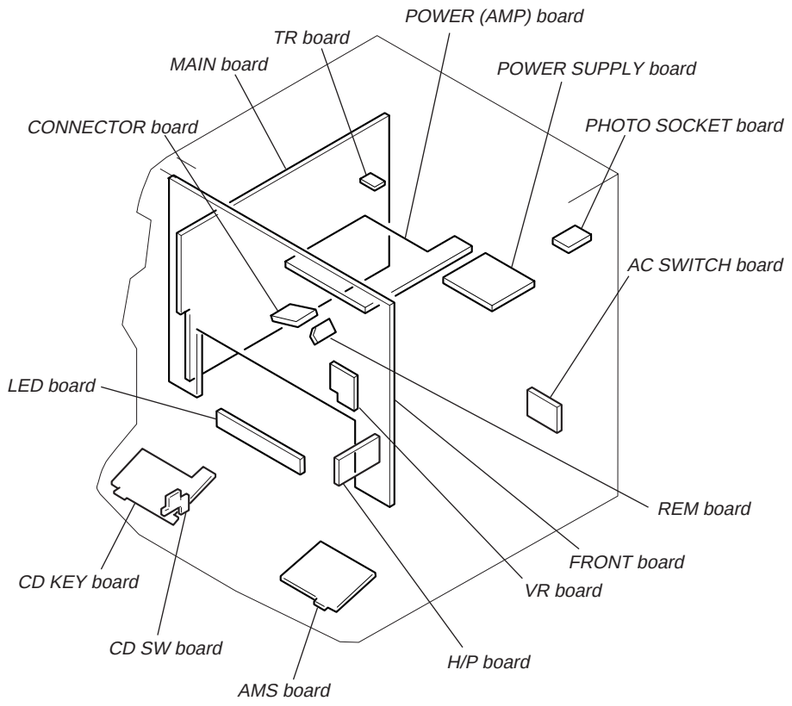
Adjustment Location:

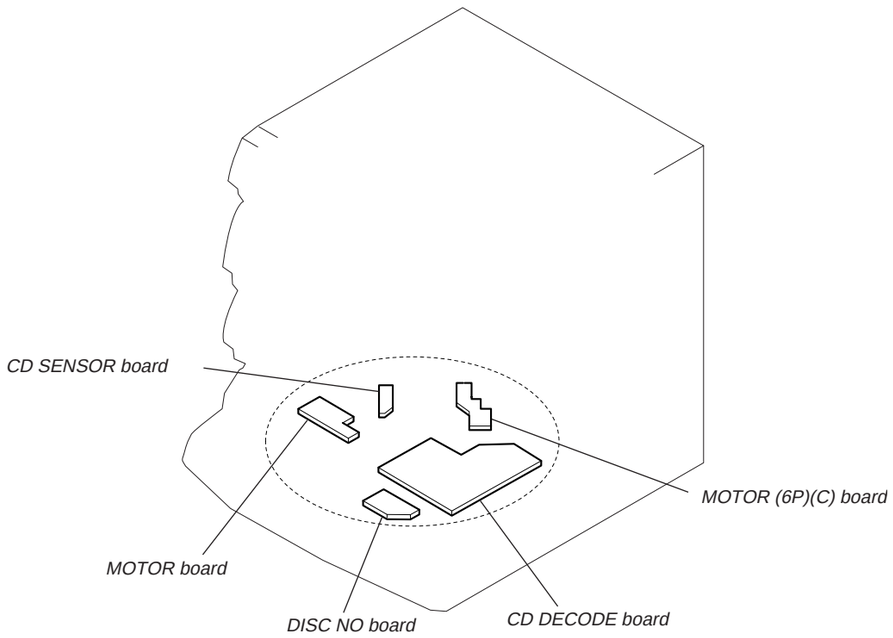
[CD DECODER BOARD] — Component side —



SECTION 5
DIAGRAMS

5-1. CIRCUIT BOARDS LOCATION





THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS.
(In addition to this necessary note is printed in each block.)

For schematic diagrams.
Note:

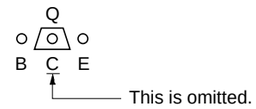
- All capacitors are in µF unless otherwise noted. pF: µµF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- % : indicates tolerance.
- △ : internal component.
- : nonflammable resistor.
- : fusible resistor.
- : panel designation.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

- B+ : B+ Line.
- B− : B– Line.
- : adjustment for repair.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope.
- Circled numbers refer to waveforms.
- Signal path.
  - : FM
  - : AM
  - : PB (DECK A)
  - : PB (DECK B)
  - : REC (DECK B)
  - : CD
  - : MD/VIDEO
  - : PHONO

For printed wiring boards.
Note:

- ○— : parts extracted from the component side.
- ○ : Through hole.
- △ : internal component.
- : Pattern from the side which enables seeing.
- Indication of transistor.



- Abbreviation
  SP : Singapore model
  MX : Mexican model
  AR : Argentina model
  AUS : Australian model

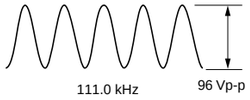
• Waveform

MAIN BOARD

① IC103 ㉒

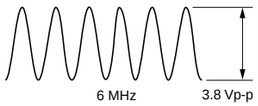
⑤ L809 ⑤

⑥ L809 ⑥



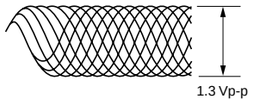
FRONT BOARD

② IC601 ⑯



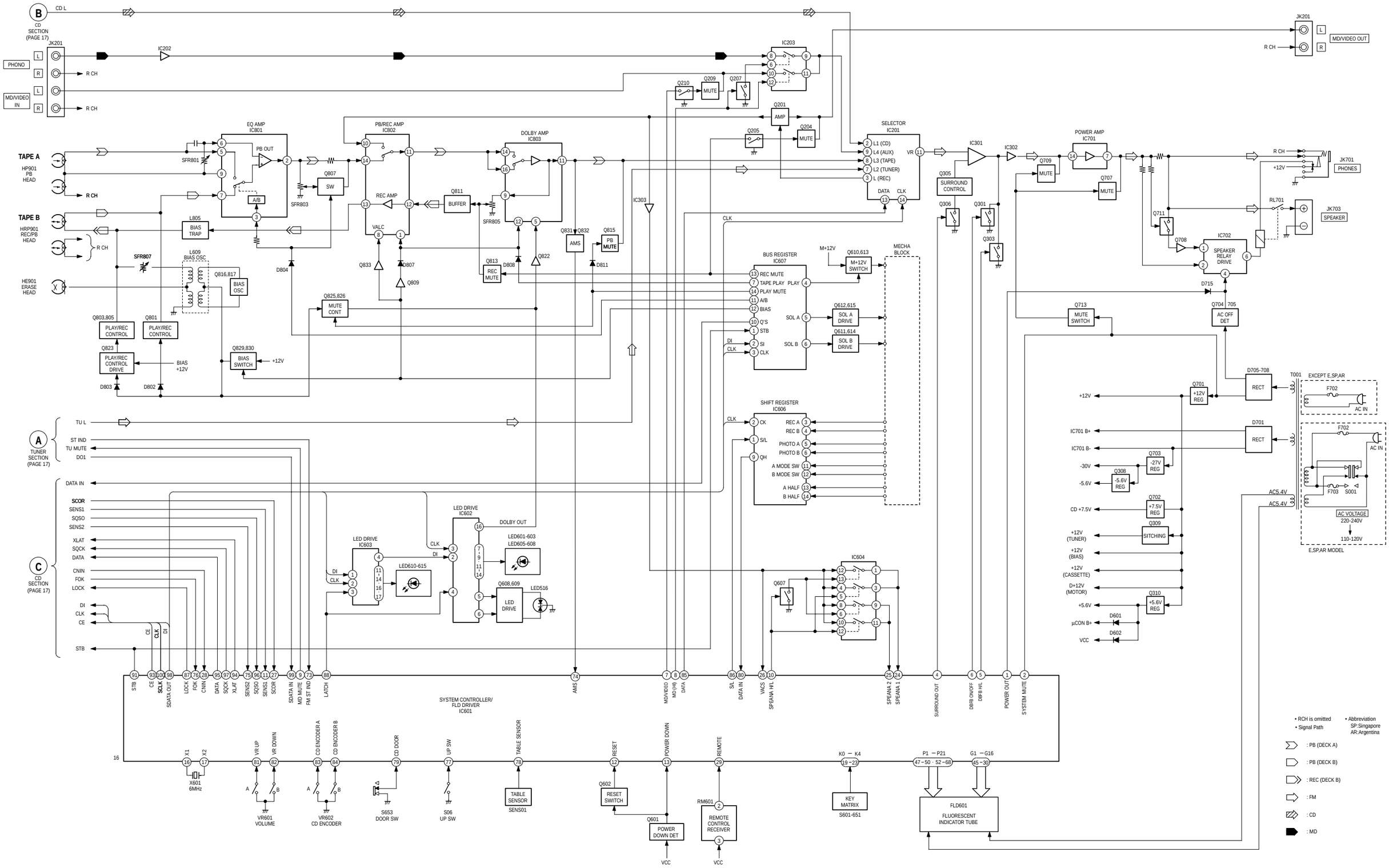
CD DECODE BOARD

③ IC01 ㉝

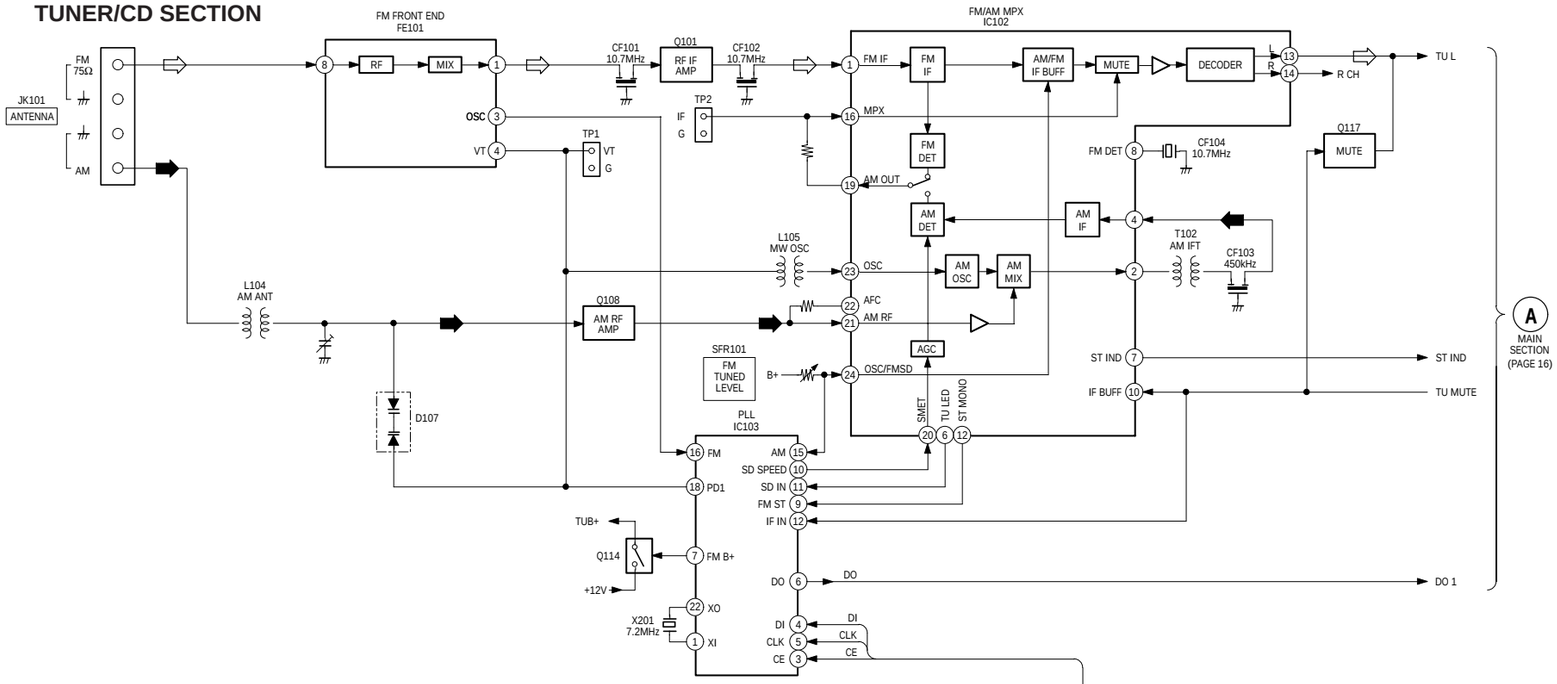


④ IC02 ⑦①

5-2. BLOCK DIAGRAM
MAIN SECTION



TUNER/CD SECTION



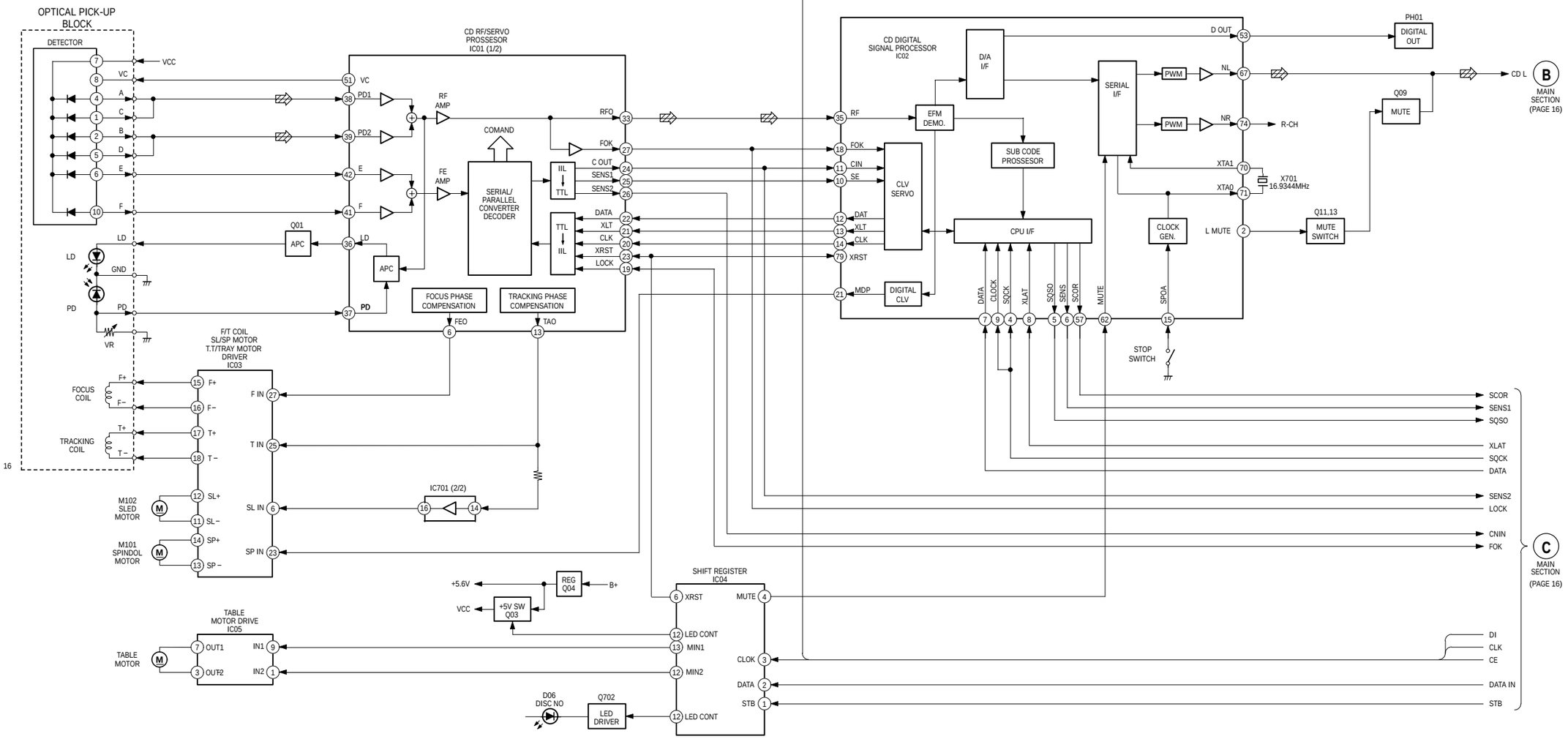
• RCH is omitted

• SIGNAL PATH

:FM

:AM

:CD

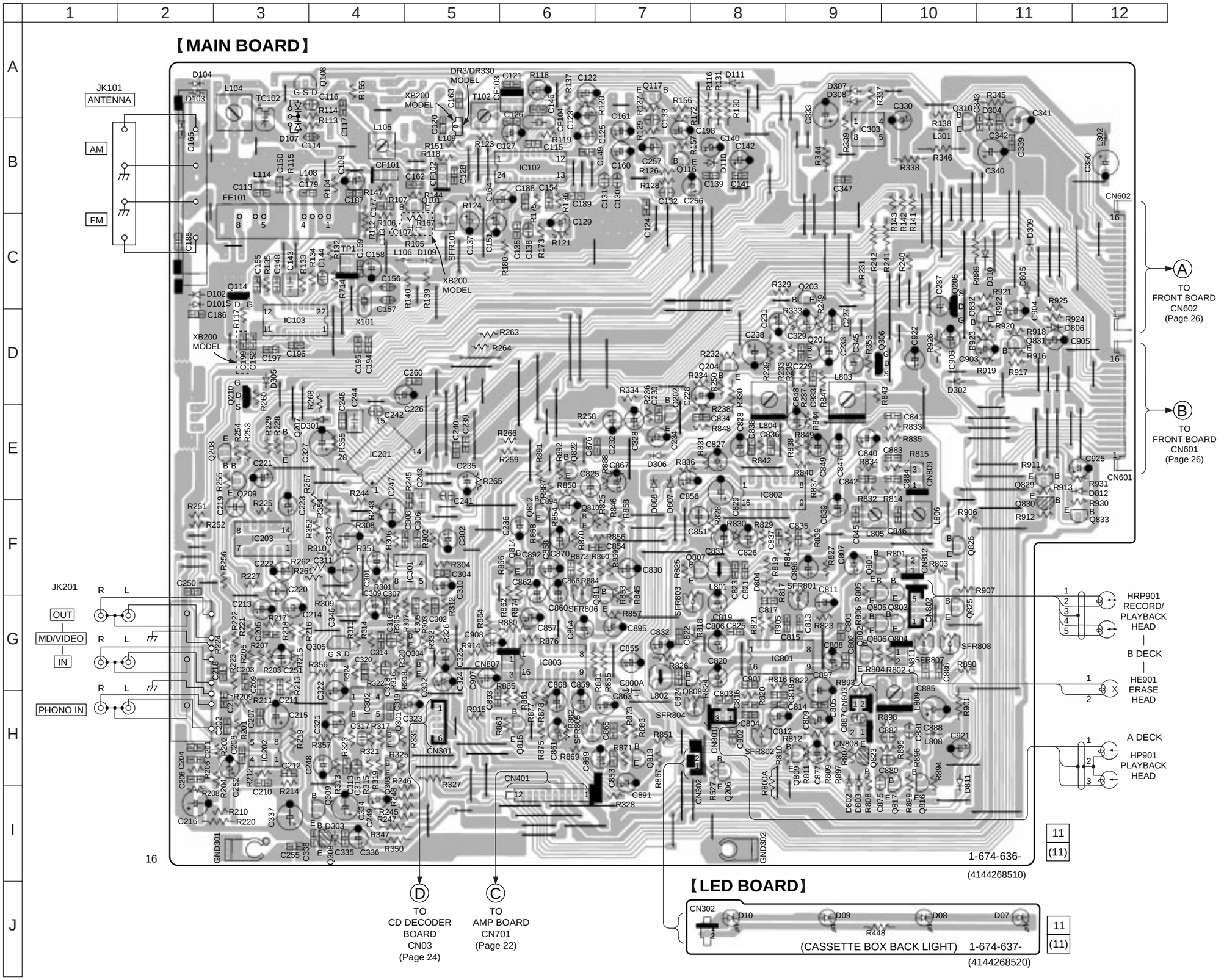


5-3. PRINTED WIRING BOARD MAIN SECTION

• Refer to page 15 for Circuit Boards Location.

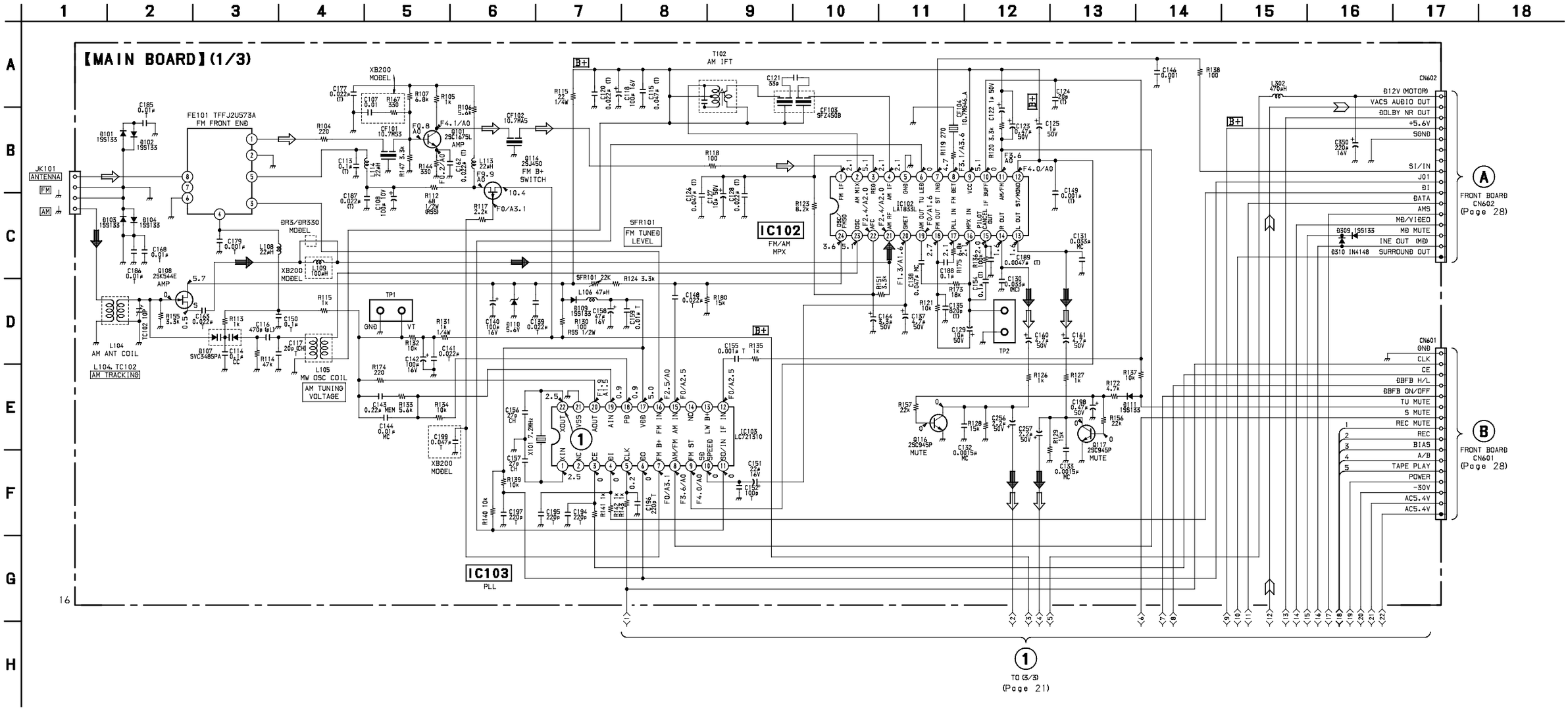
• **Semiconductor Location**

Ref. No.	Location	Ref. No.	Location
D07	J-11	Q116	B-7
D08	J-10	Q117	A-7
D09	J-9	Q201	D-9
D10	J-8	Q202	E-7
D101	C-2	Q203	C-9
D102	C-2	Q204	D-8
D103	A-2	Q205	C-10
D104	A-2	Q206	H-8
D107	B-3	Q207	E-3
D109	C-5	Q208	E-3
D110	B-8	Q209	E-3
D111	A-8	Q210	D-3
D301	E-4	Q301	H-4
D302	D-10	Q302	G-5
D303	I-4	Q303	H-4
D304	B-11	Q304	G-5
D305	D-3	Q305	G-4
D306	E-7	Q306	D-10
D307	A-9	Q308	I-4
D308	A-9	Q309	I-4
D309	C-11	Q310	A-10
D310	C-11	Q801	F-10
D802	I-9	Q802	G-9
D803	I-9	Q803	G-10
D804	F-8	Q804	G-10
D805	C-11	Q805	G-10
D806	D-11	Q806	G-10
D807	E-7	Q807	F-8
D808	E-7	Q808	G-7
D811	I-10	Q809	H-9
D812	F-12	Q810	F-6
		Q811	G-7
IC102	B-6	Q812	F-6
IC103	D-3	Q813	H-7
IC201	E-4	Q814	F-6
IC202	H-3	Q815	H-6
IC203	F-3	Q816	I-10
IC301	F-4	Q817	I-10
IC302	H-4	Q822	E-6
IC303	B-9	Q825	G-10
IC801	G-8	Q826	F-10
IC802	F-8	Q829	E-11
IC803	G-6	Q830	E-11
		Q831	D-11
Q101	B-5	Q832	D-11
Q108	A-3	Q833	F-12
Q114	C-3		



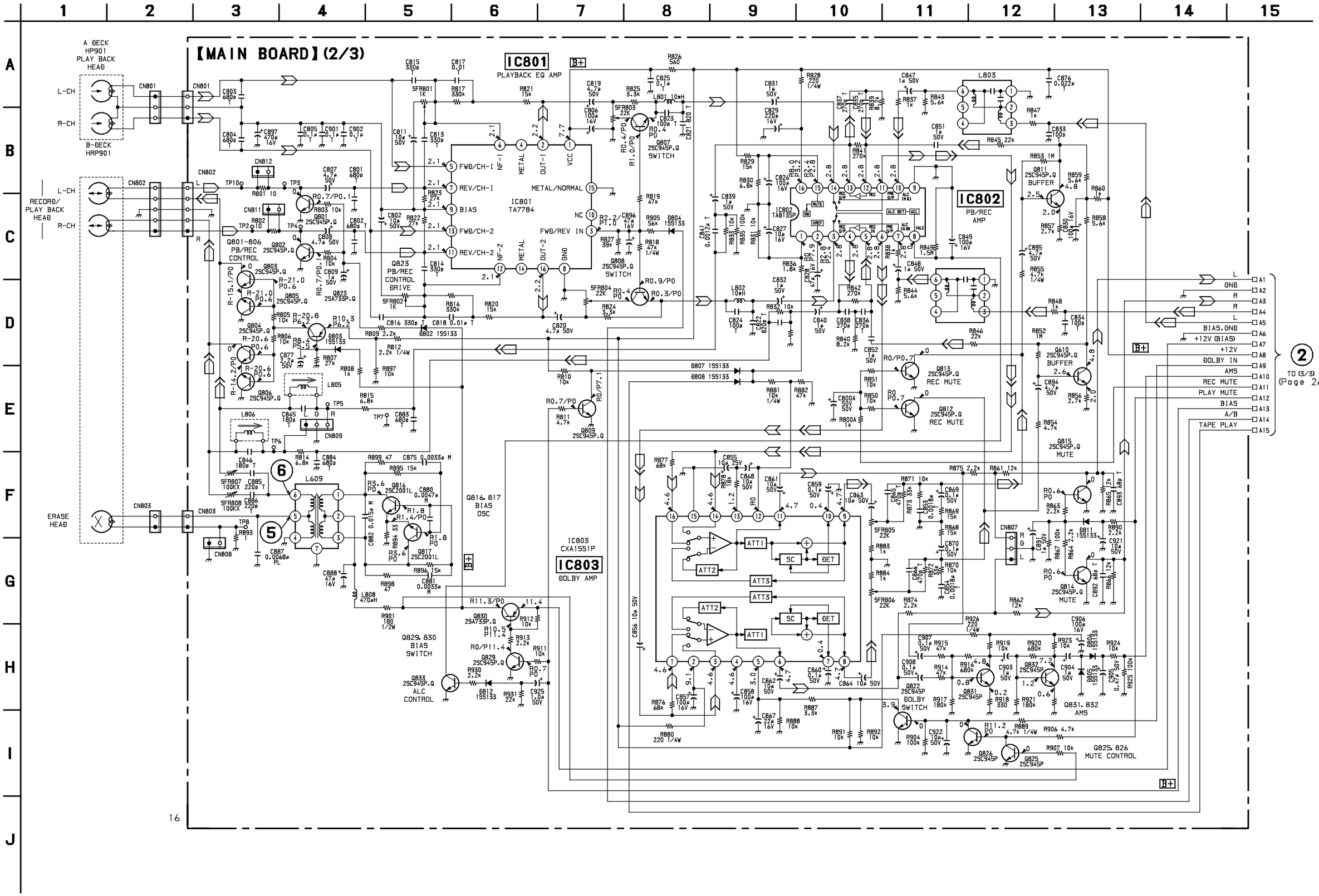
5-4. SCHEMATIC DIAGRAM MAIN (1/3) SECTION

• Refer to page 15 for Waveform. • Refer to page 31 for IC Block Diagrams.



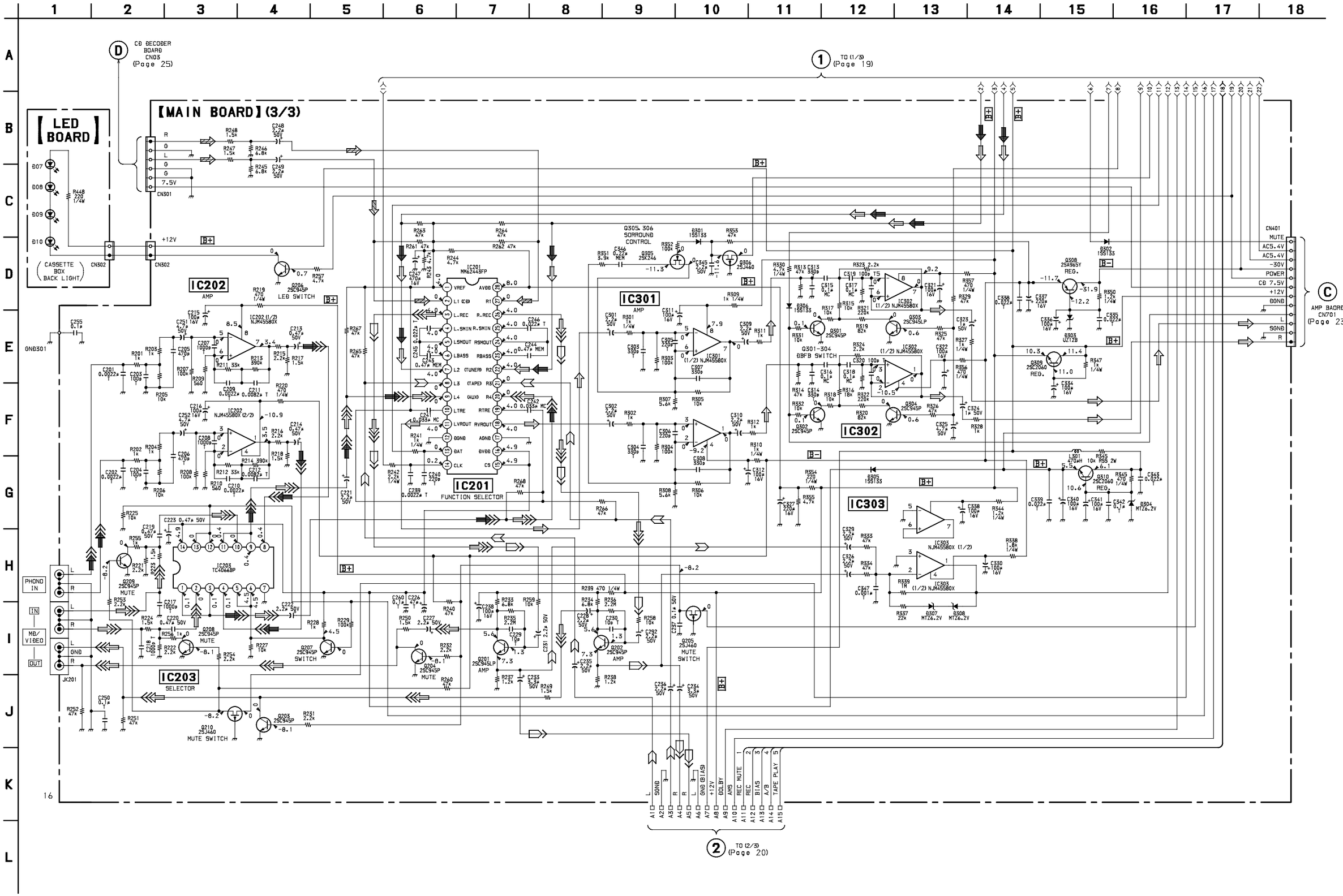
5-5. SCHEMATIC DIAGRAM MAIN (2/3) SECTION

• Refer to page 15 for Waveform. • Refer to page 18 for Printed Wiring Board.



5-6. SCHEMATIC DIAGRAM MAIN (3/3) SECTION

• Refer to page 18 for Printed Wiring Board. • Refer to page 31 for IC Block Diagrams.

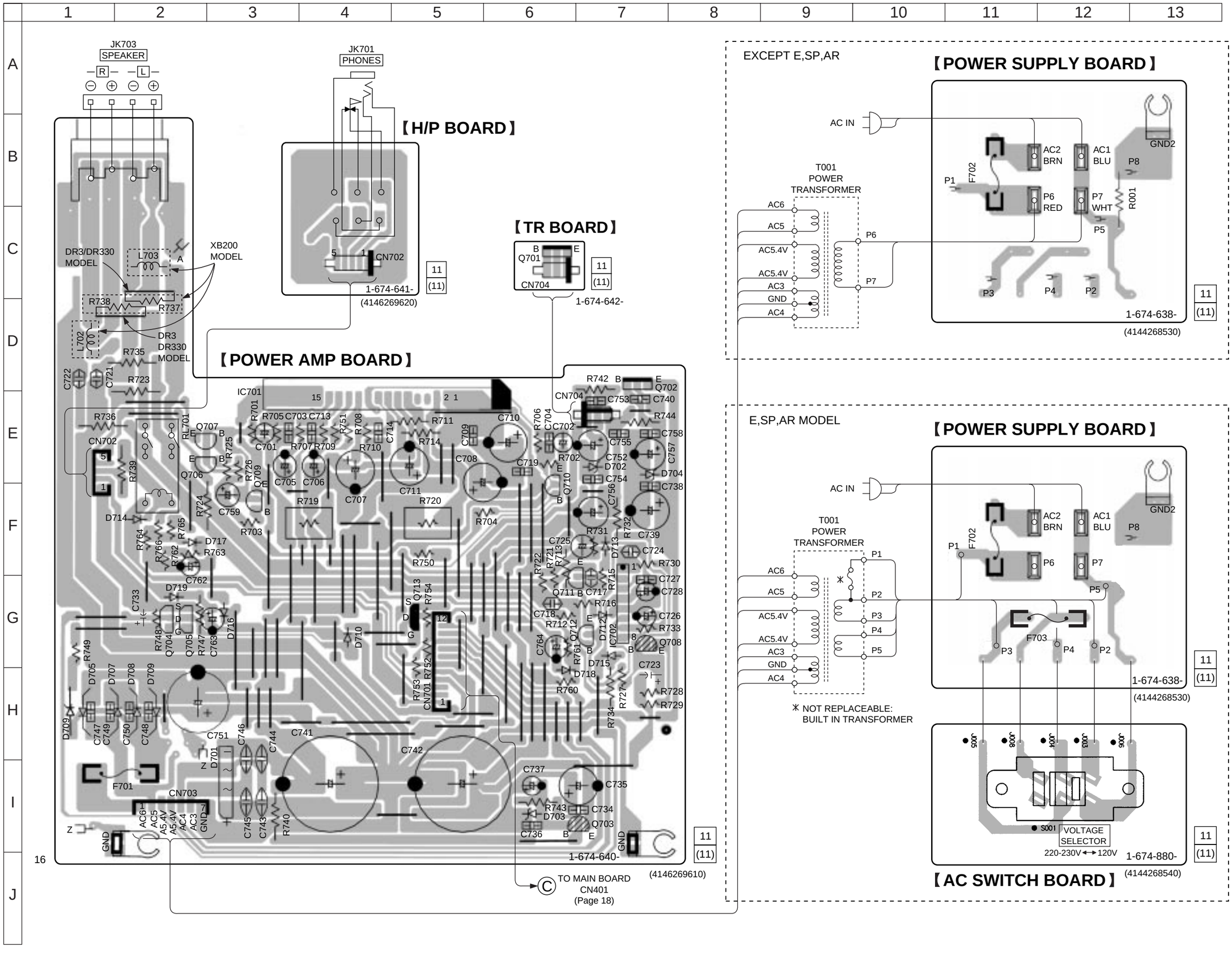


5-7. PRINTED WIRING BOARD AMP SECTION

• Refer to page 15 for Circuit Boards Location.

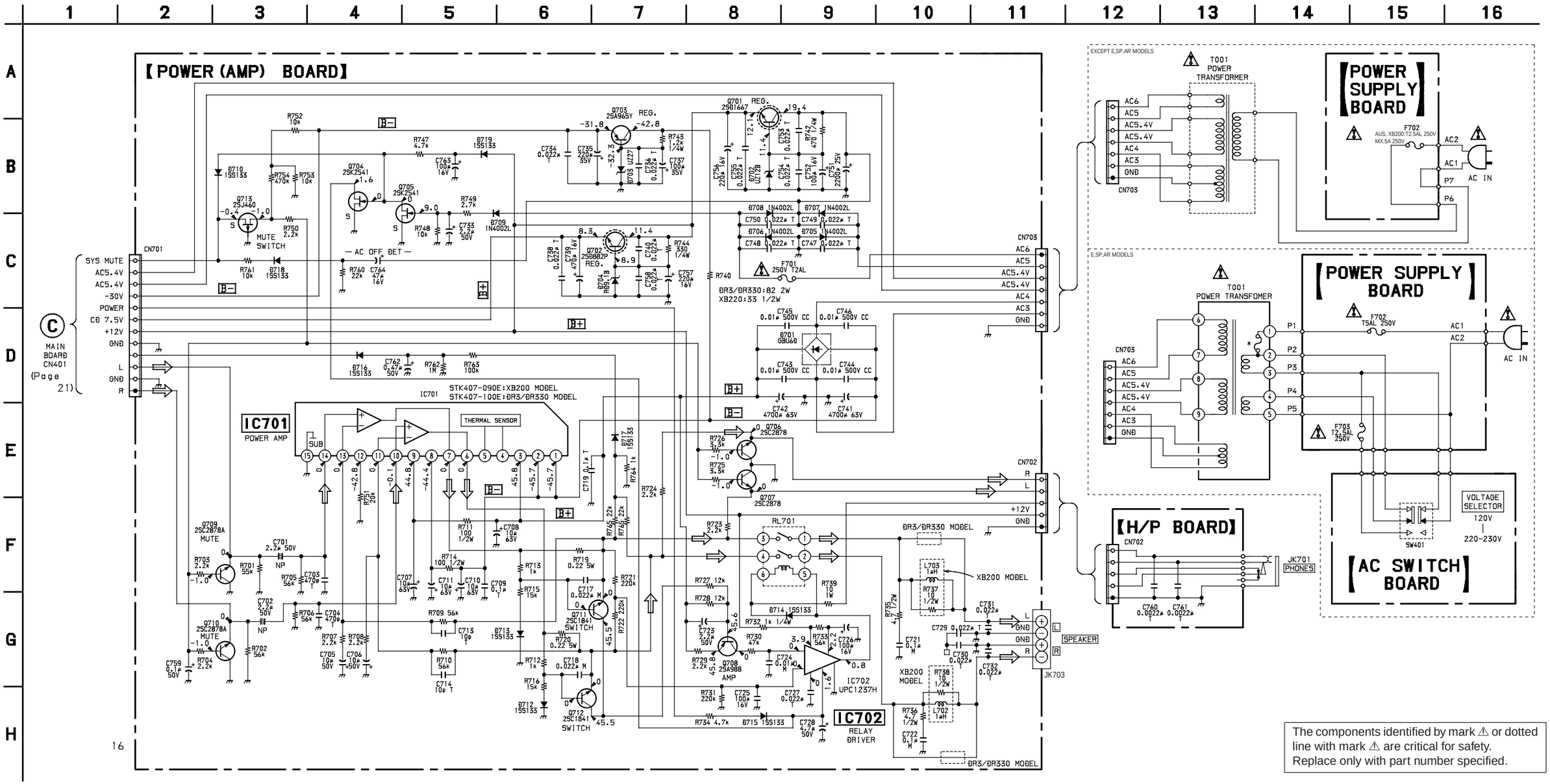
• **Semiconductor Location**

Ref. No.	Location
D701	H-3
D702	E-7
D703	I-6
D704	E-7
D705	H-1
D706	H-2
D707	H-1
D708	H-2
D709	H-1
D710	G-4
D712	G-7
D713	F-7
D714	F-2
D715	G-7
D716	G-3
D717	F-2
D718	H-6
D719	G-2
IC701	E-3
IC702	G-7
Q701	C-6
Q702	D-7
Q703	I-7
Q704	G-2
Q705	G-2
Q706	E-2
Q707	E-2
Q708	G-7
Q709	F-3
Q710	F-6
Q711	G-6
Q712	G-7
Q713	G-5



5-8. SCHEMATIC DIAGRAM AMP SECTION

• Refer to page 32 for IC Block Diagram.



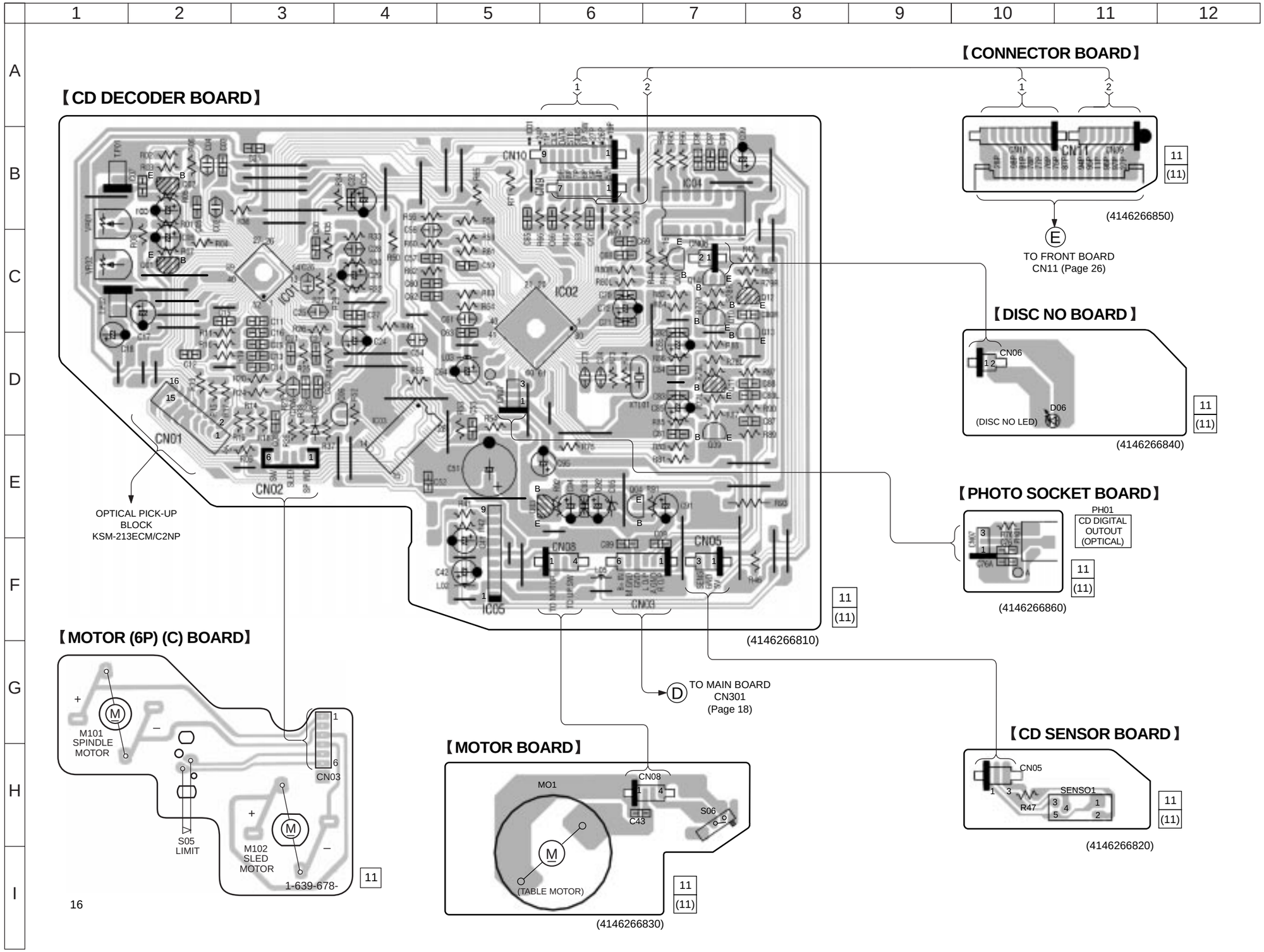
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

5-9. PRINTED WIRING BOARD CD DECORD SECTION

• Refer to page 15 for Circuit Boards Location.

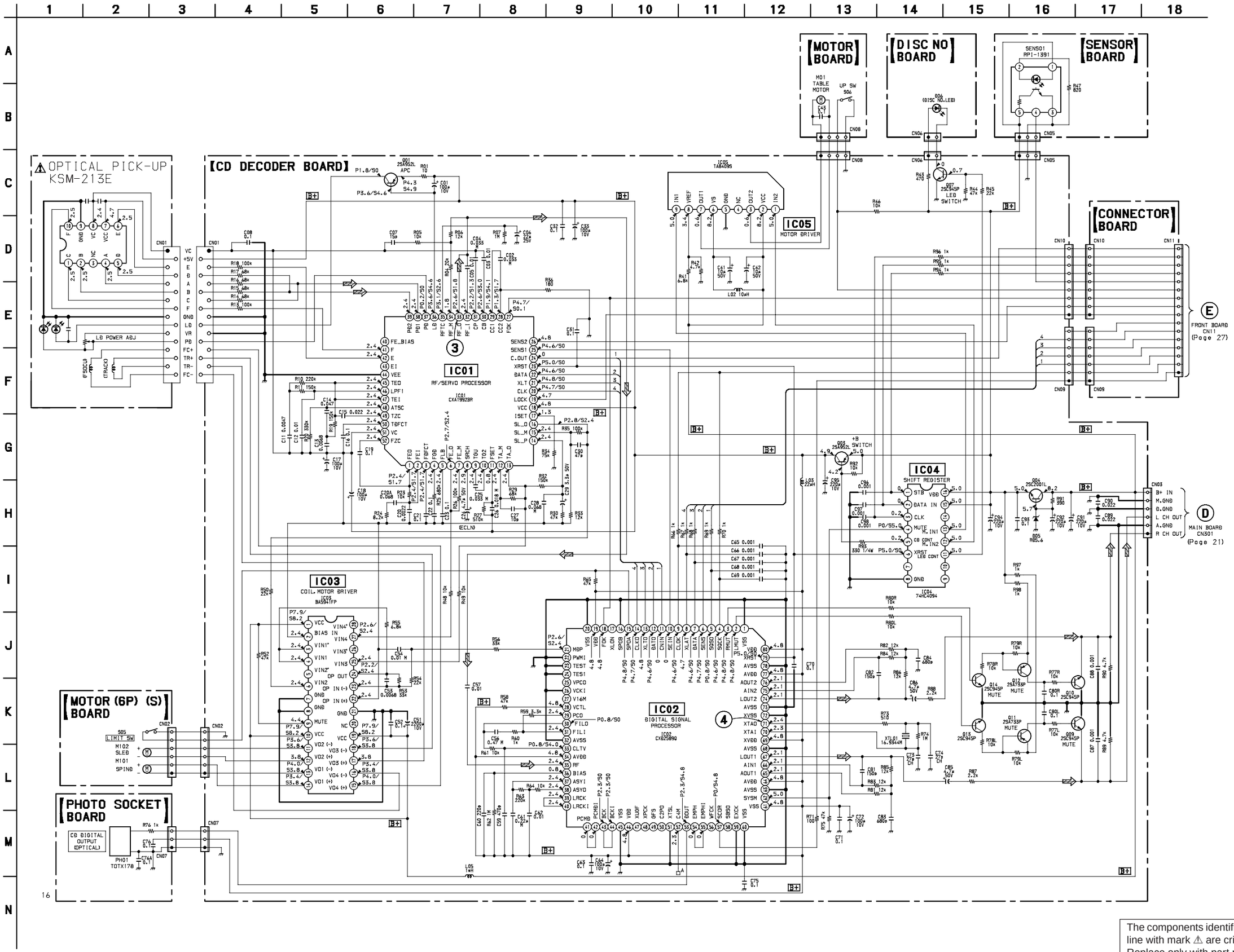
• **Semiconductor Location**

Ref. No.	Location
D02	D-3
D05	E-6
D06	D-11
IC01	C-3
IC02	C-6
IC03	D-4
IC04	B-7
IC05	F-5
Q01	C-2
Q02	B-2
Q03	E-5
Q04	E-6
Q06	D-4
Q07	C-7
Q09	D-7
Q10	C-7
Q11	D-7
Q12	C-8
Q13	D-8
Q14	C-7



5-10. SCHEMATIC DIAGRAM CD DECORD SECTION

• Refer to page 15 for Waveforms.



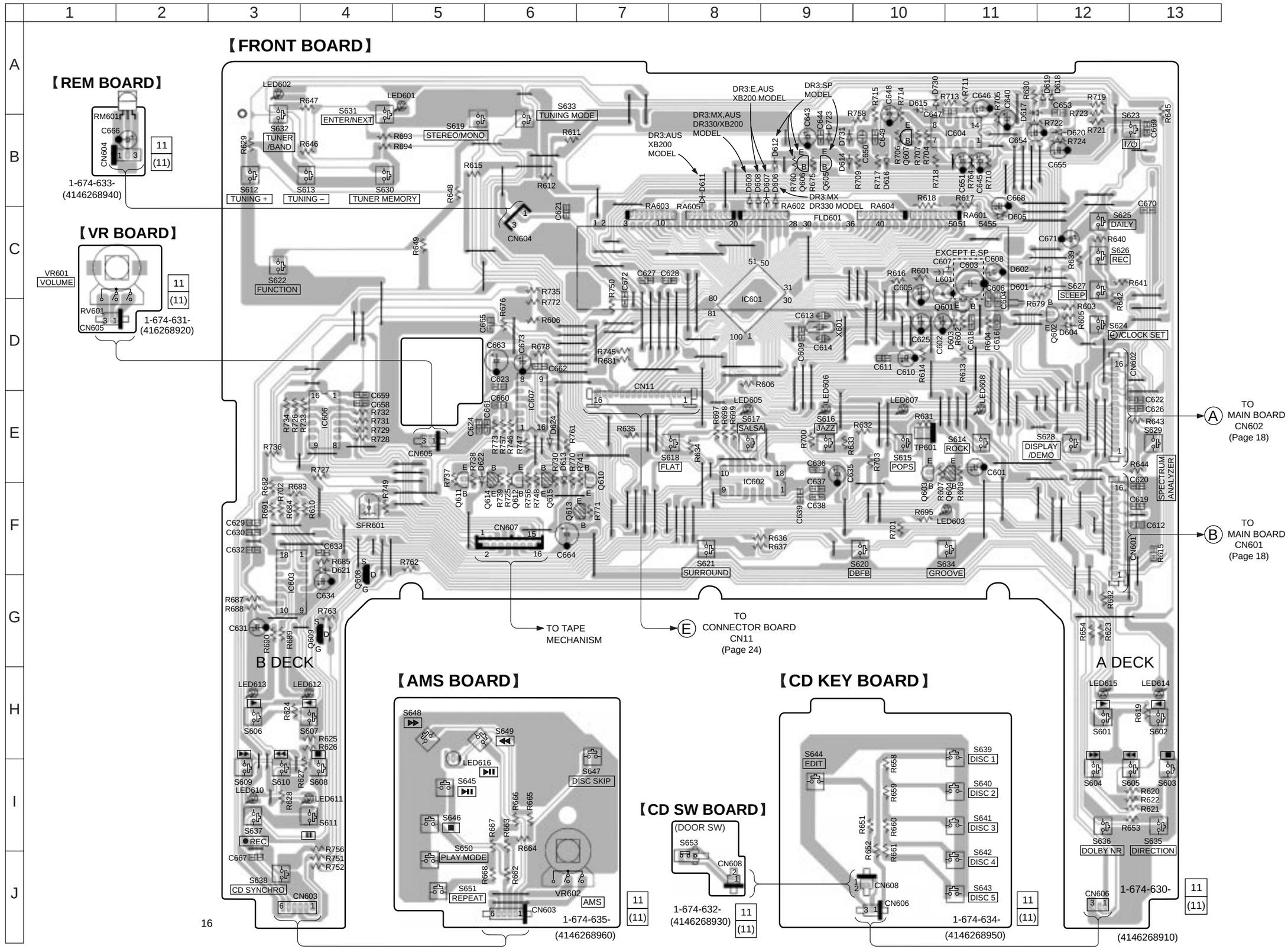
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

5-11. PRINTED WIRING BOARD FRONT SECTION

• Refer to page 15 for Circuit Boards Location.

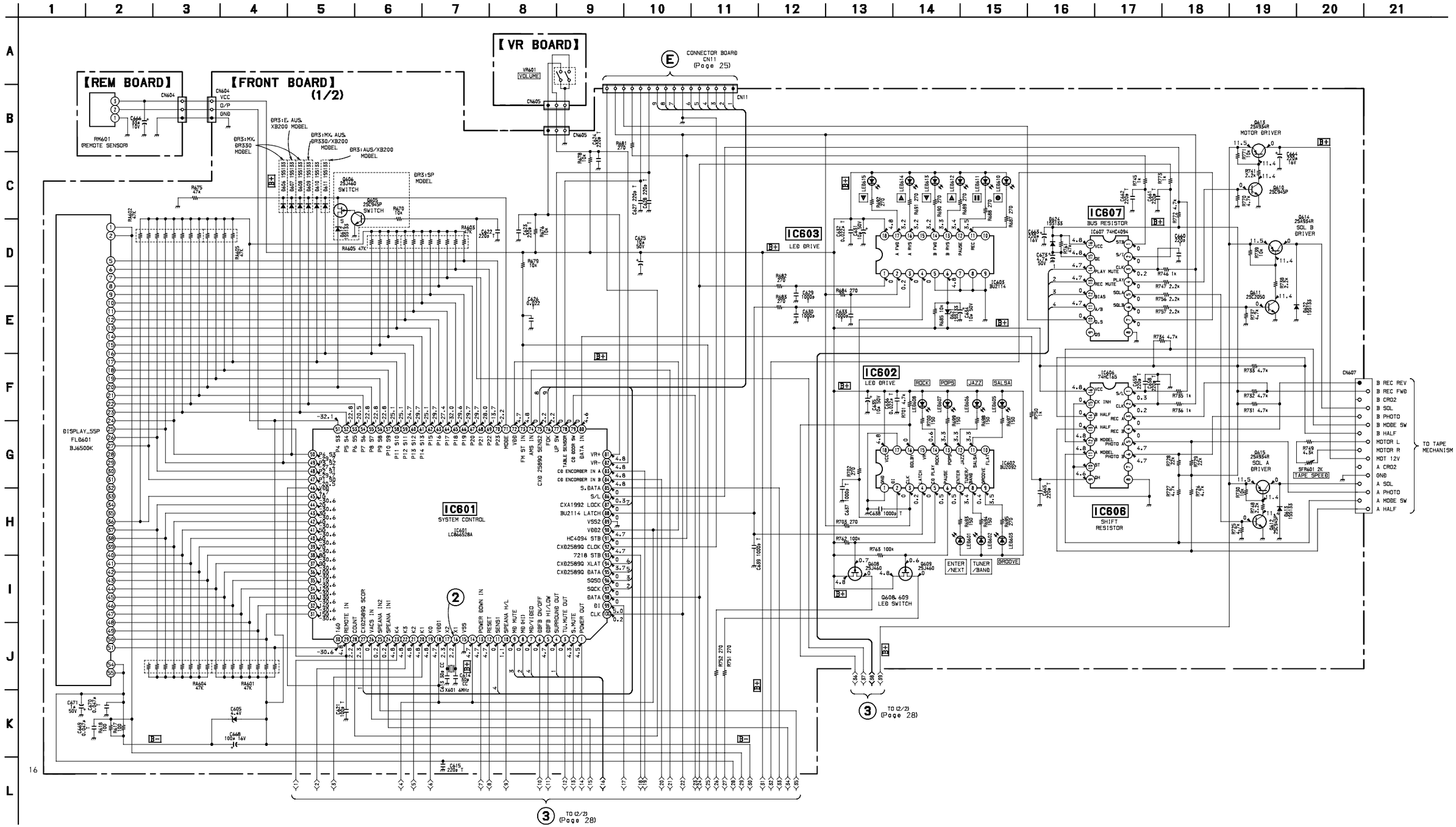
• **Semiconductor Location**

Ref. No.	Location
D601	C-11
D602	C-11
D603	D-10
D604	D-12
D605	C-11
D606	B-9
D608	B-8
D609	B-8
D612	B-9
D613	E-6
D614	B-9
D615	A-10
D616	B-10
D617	B-11
D618	A-12
D619	A-12
D620	B-12
D621	F-4
D622	E-5
D624	E-6
D723	B-9
D730	A-10
D731	B-9
LED601	A-5
LED602	A-3
LED603	F-10
LED605	E-8
LED606	E-9
LED607	E-10
LED608	E-11
LED610	I-3
LED611	I-4
LED612	H-4
LED613	H-3
LED614	H-12
LED615	H-12
LED616	I-5
IC601	D-8
IC602	F-8
IC603	G-3
IC604	B-11
IC606	E-4
IC607	E-6
Q601	D-11
Q602	D-12
Q603	E-10
Q604	E-10
Q607	B-10
Q608	G-4
Q609	G-4
Q610	F-7
Q611	F-5
Q612	F-6
Q613	F-6
Q614	E-6
Q615	F-6



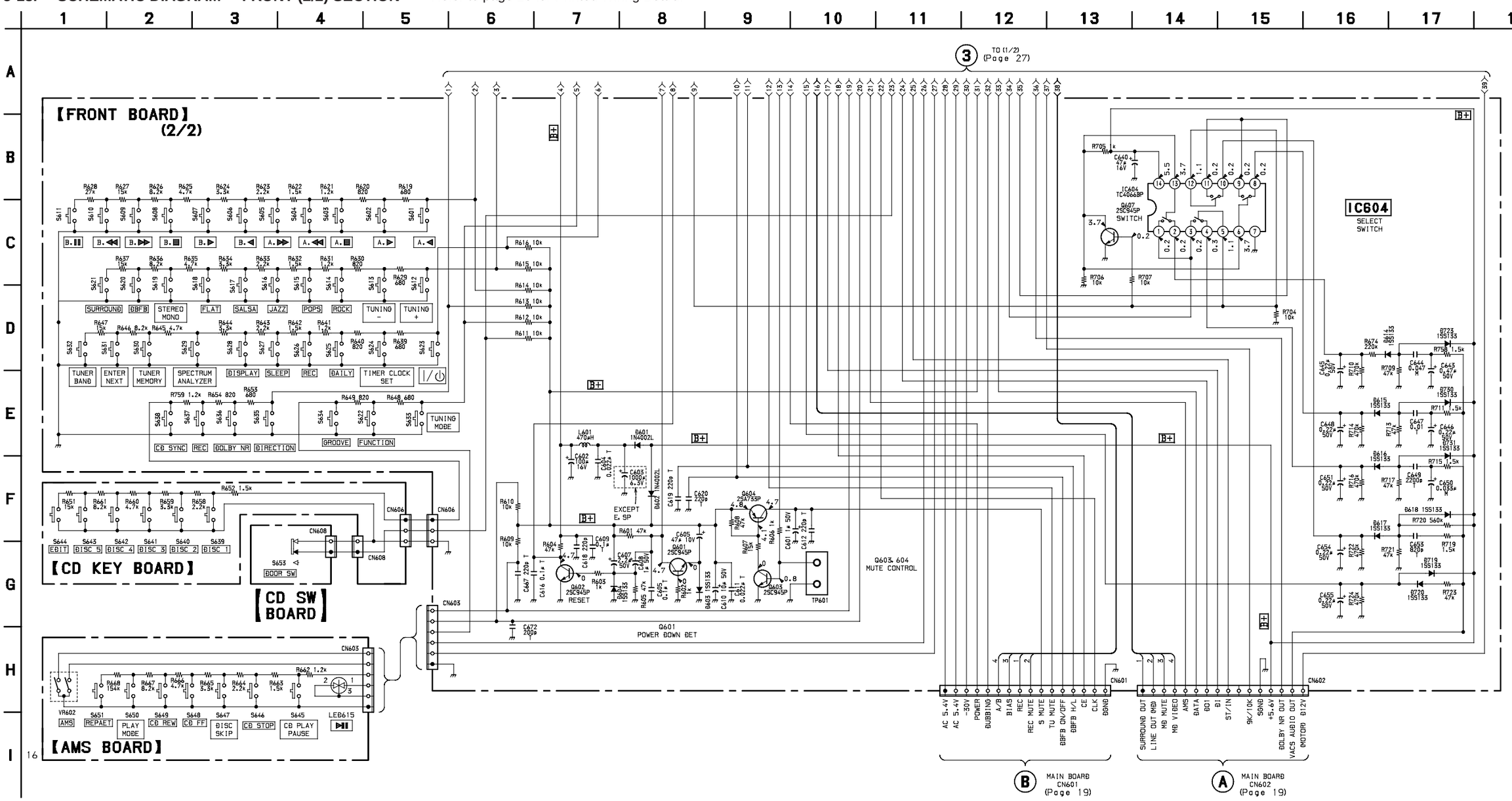
5-12. SCHEMATIC DIAGRAM FRONT (1/2) SECTION

• Refer to page 15 for Waveform. • Refer to page 29 for IC Pin Function Description. • Refer to page 32 for IC Block Diagrams.



5-13. SCHEMATIC DIAGRAM FRONT (2/2) SECTION

• Refer to page 26 for Printed Wiring Board.



5-14. IC PIN FUNCTION DESCRIPTION
IC601 LC866540A-5K40 SYSTEM CONTROL (FRONT board)

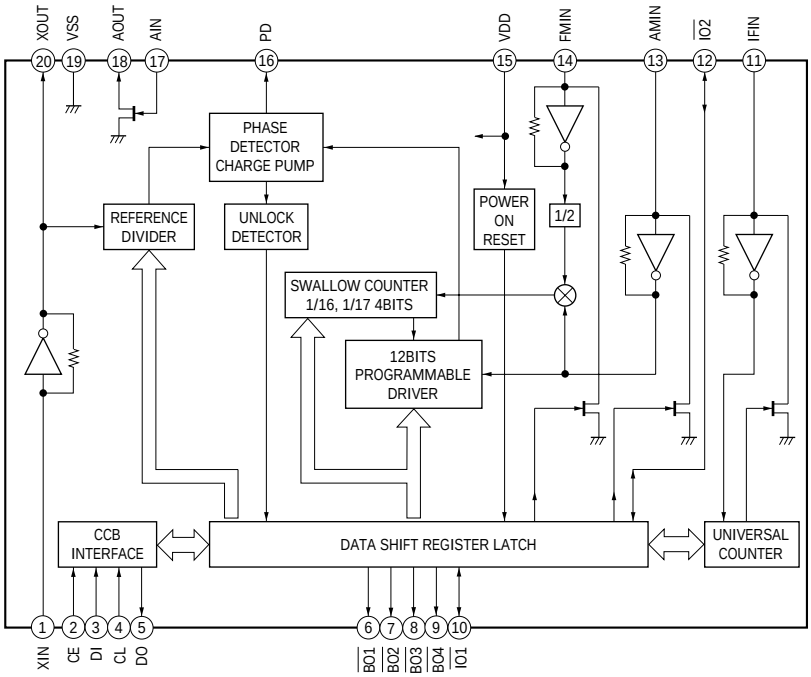
Pin No.	Pin Name	I/O	Description
1	POWER OUT	O	Power on/off output
2	S.MUT	O	System mute output (ON at H)
3	TU.MUT OUT	O	Tuner mute output (ON at H)
4	SURROUND OUT	O	Surround output (ON at H)
5	DBFB HI/LOW	O	DBFB normal output (ON at H)
6	DBFB ON/OFF	O	DBFB high output (ON at H)
7	MD/VIDEO	O	MD/VIDEO output
8	MD(HI)	O	MD(HI) output
9	MD MUTE	O	Function mute(Line out mute)
10	SPEANA H/L	O	Spectrum analyzer 1,2/3,4
11	SENS 1	I	CXD2589Q SCOR input
12	RESET	I	Reset
13	POWER DOWN IN	I	Power down in(AC on at H,AC off at H)
14	VDD	—	FLD VDD
15	VSS	—	Ground
16	X1	—	X'tal oscillator 6MHz
17	X2	—	X'tal oscillator 6MHz
18	VDD1	—	System VDD 1
19	K0	I	Key input 0
20	K1	I	Key input 1
21	K2	I	Key input 2
22	K3	I	Key input 3
23	K4	I	Key input 4
24	SPEANA IN 1	I	Spectrum analyzer 1
25	SPEANA IN 2	I	Spectrum analyzer 2
26	VACS IN	I	Vacs in
27	CXD2588Q SCOR	I	CXD2588Q SCOR input
28	COUNT	I	CXD2588Q COUNT input
29	REMOTE IN	I	Remote in
30	16G	O	FLD digital output 16
31	15G	O	FLD digital output 15
32	14G	O	FLD digital output 14
33	13G	O	FLD digital output 13
34	12G	O	FLD digital output 12
35	11G	O	FLD digital output 11
36	10G	O	FLD digital output 10
37	9G	O	FLD digital output 9
38	8G	O	FLD digital output 8
39	7G	O	FLD digital output 7
40	6G	O	FLD digital output 6
41	5G	O	FLD digital output 5
42	4G	O	FLD digital output 4
43	3G	O	FLD digital output 3
44	2G	O	FLD digital output 2
45	1G	O	FLD digital output 1
46	VDD	—	FLD VDD
47	P1 S0	O	FLD segment output 1
48	P2 S1	O	FLD segment output 2
49	P3 S2	O	FLD segment output 3
50	P4 S3	O	FLD segment output 4

Pin No.	Pin Name	I/O	Description
51	P4 S3	O	FLD segment output 4
52	P5 S4	O	FLD segment output 5
53	P6 S5	O	FLD segment output 6
54	P7 S6	O	FLD segment output 7
55	P8 S7	O	FLD segment output 8
56	P9 S8	O	FLD segment output 9
57	P10 S9	O	FLD segment output 10
58	P11 S10	O	FLD segment output 11
59	P12 S11	O	FLD segment output 12
60	P13 S12	O	FLD segment output 13
61	P14 S13	I	FLD segment output 14
68	P15-P21	I	FLD segment output 15-21
69	P22	I	FLD segment output 22
70	P23	I	FLD segment output 23
71	MODE	I	Destination selector switch input
72	VDD	—	VDD
73	FM ST IN	I	FM stereo indicator input
74	AMS IN	I	AMS input
75	CXD 2589Q SENS2	I	CXD 2589Q SENS input
76	FOK	I	CXD 2589Q FOK input
77	UP SW	I	Changer mechanism UP switch input
78	TABLE SENSOR	I	Table sensor switch input
79	CD DOOR SW	I	CD door switch input
80	DATA IN	I	HC 165 data in
81	VR+	I	VR encoder(+) input
82	VR-	I	VR encoder(-) input
83	CD ENCORDER IN A	I	CD encoder input A
84	CD ENCORDER IN B	I	CD encoder input B
85	S-DATA	O	M62433 S.DATA
86	S/L	O	HC165 S/L
87	CXA1992 LOCK	O	CXA1992 LOCK output
88	BU2114 LATCH	O	BU2114 LATCH output
89	VSS2	—	System Vss 2
90	VDD2	—	System VDD 2
91	HC4094 STB	O	HC4094 STB output
92	CDP 2589 CLOK	O	CDP 2589 clock output
93	7218 STB	O	7218 standby output
94	CXD2589Q XLAT	O	CXD2589Q XLAT output
95	CXD2589Q DATA	O	CXD2589Q DATA output
96	SQSO	O	SQSO output
97	SQCK	O	SQCK output
98	DATA	O	Serial data output
99	DI	I	Serial data input
100	CLK	O	Clock output

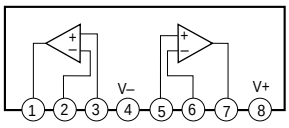
5-15. IC BLOCK DIAGRAMS

MAIN BOARD

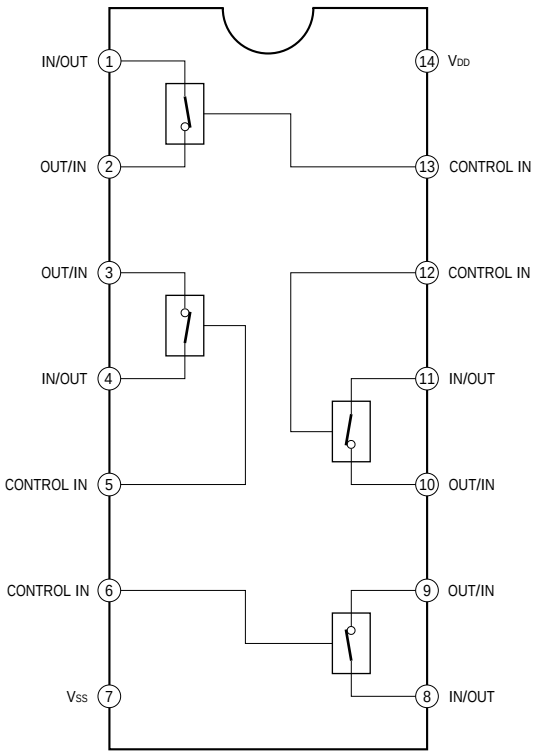
IC103 LC72131M



IC202 M5218AL

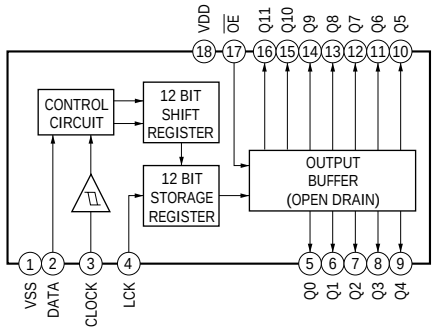


IC203 MC14066BF

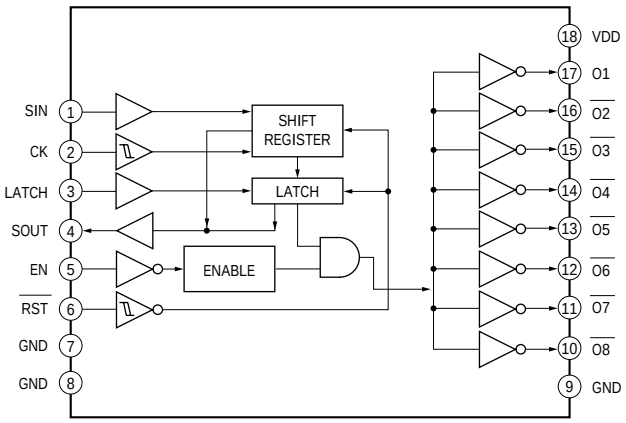


FRONT BOARD

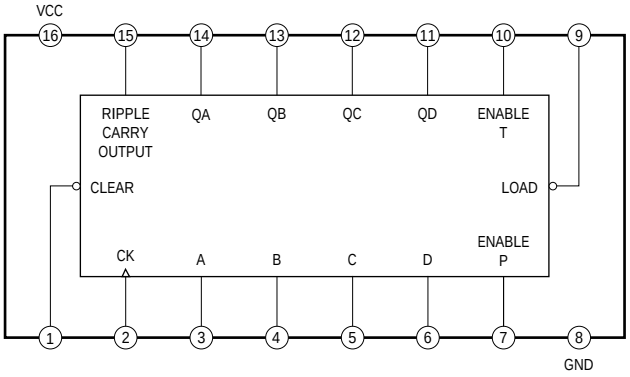
IC602 BU2092F-E2



IC603 BU2114F

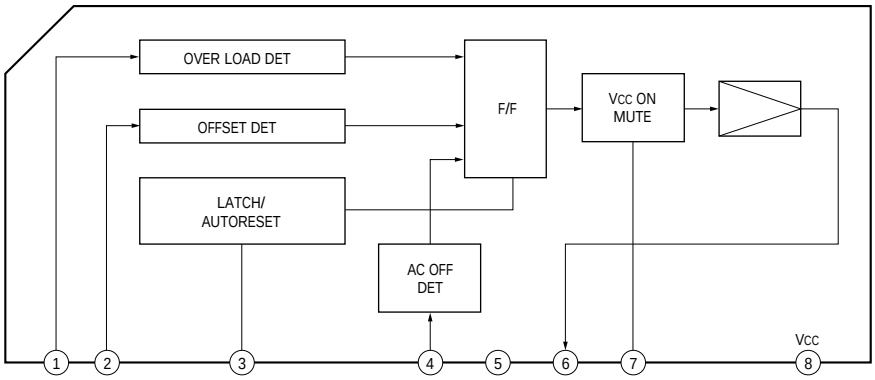


IC606 SN74HC161



AMP BOARD

IC702 MPC1237HA



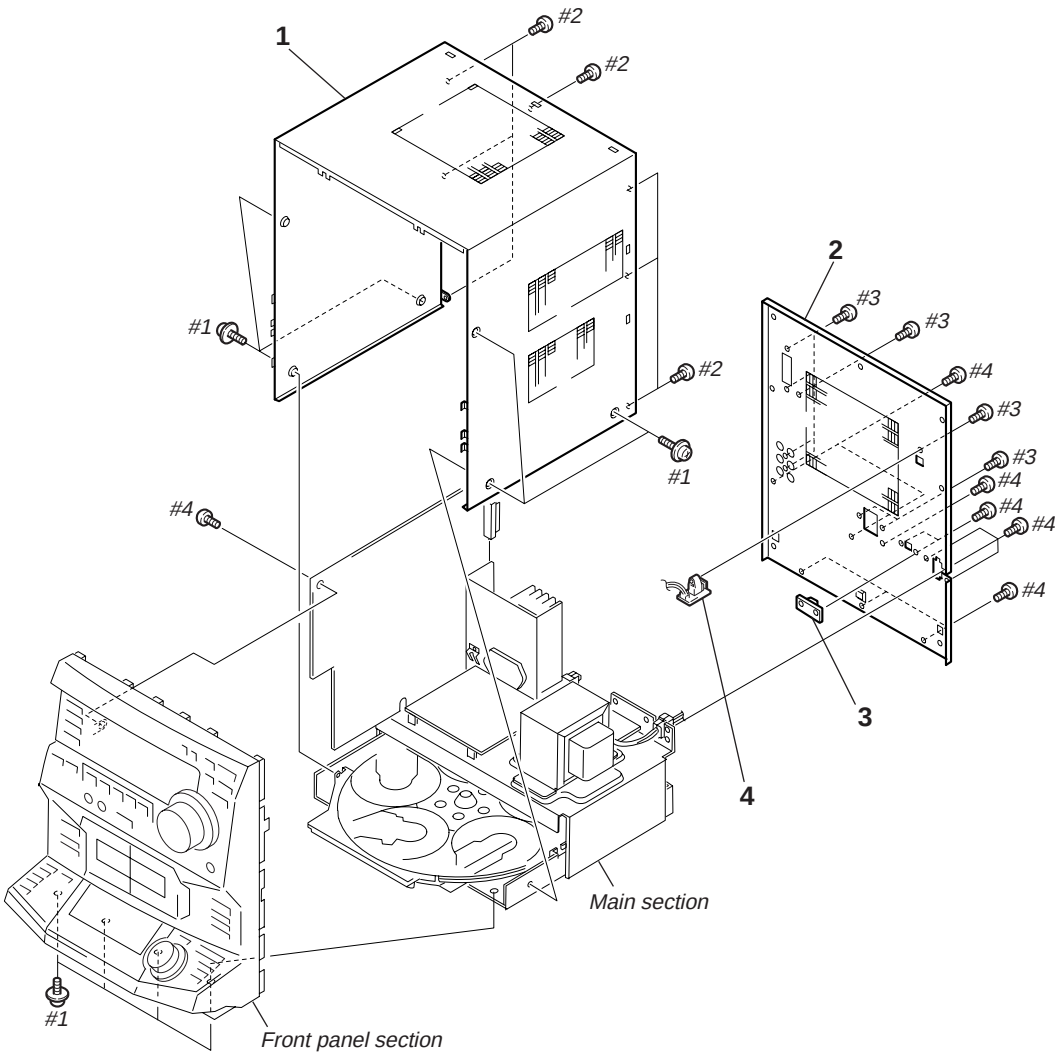
SECTION 6
EXPLODED VIEWS

NOTE:

- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list and accessories and packing materials are given in the last of this parts list.
- Abbreviation
  SP : Singapore model
  MX : Mexican model
  AR : Argentina model
  AUS : Australian model
  EE : East European model

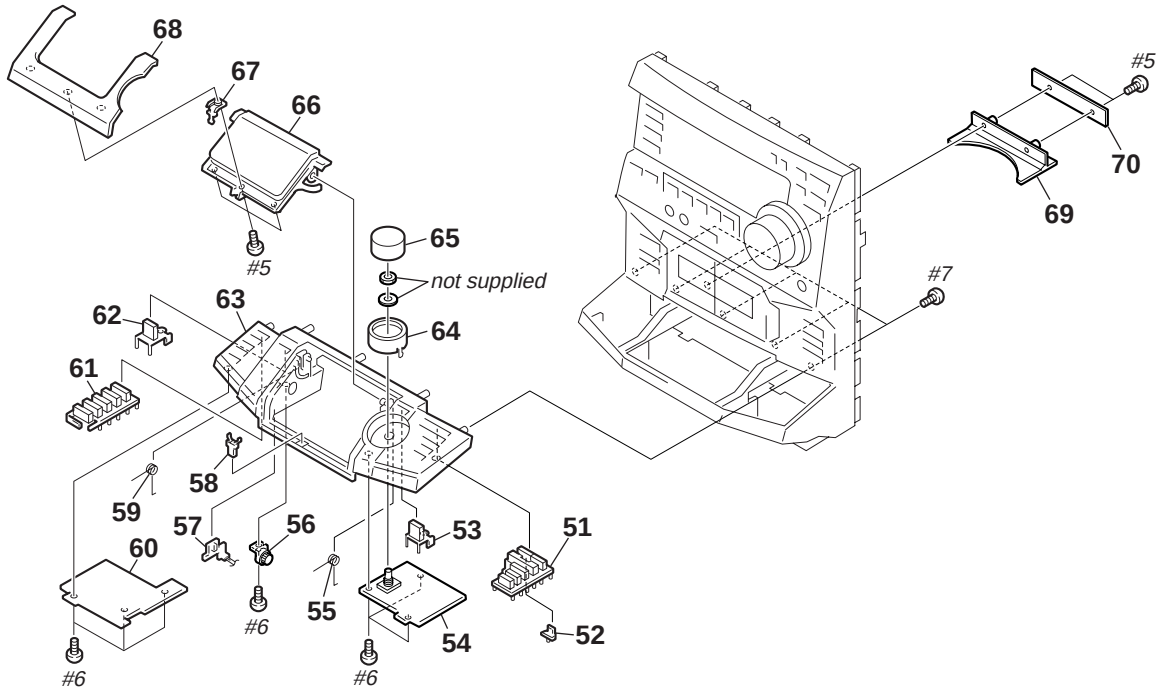
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

6-1. TOP COVER SECTION



Ref. No.	Part No.	Description	Remarks
1	4-221-012-01	COVER, TOP	
* 1	4-211-556-01	COVER, TOP(DR330)	
2	4-222-140-01	PANEL, REAR(XB200:AEP,UK)	
2	4-222-141-01	PANEL, REAR(XB200:EE,CIS)	
2	4-222-142-01	PANEL, REAR(DR3:E,SP,AR)	
2	4-222-143-01	PANEL, REAR(DR3:AUS)	
2	4-222-144-01	PANEL, REAR(DR3:MX)	
2	4-222-145-01	PANEL, REAR(DR330)	
3	1-674-880-11	AC SWITCH BOARD (DR3:E,SP,AR)	
4	1-675-425-11	PHOTO SOCKET BOARD	

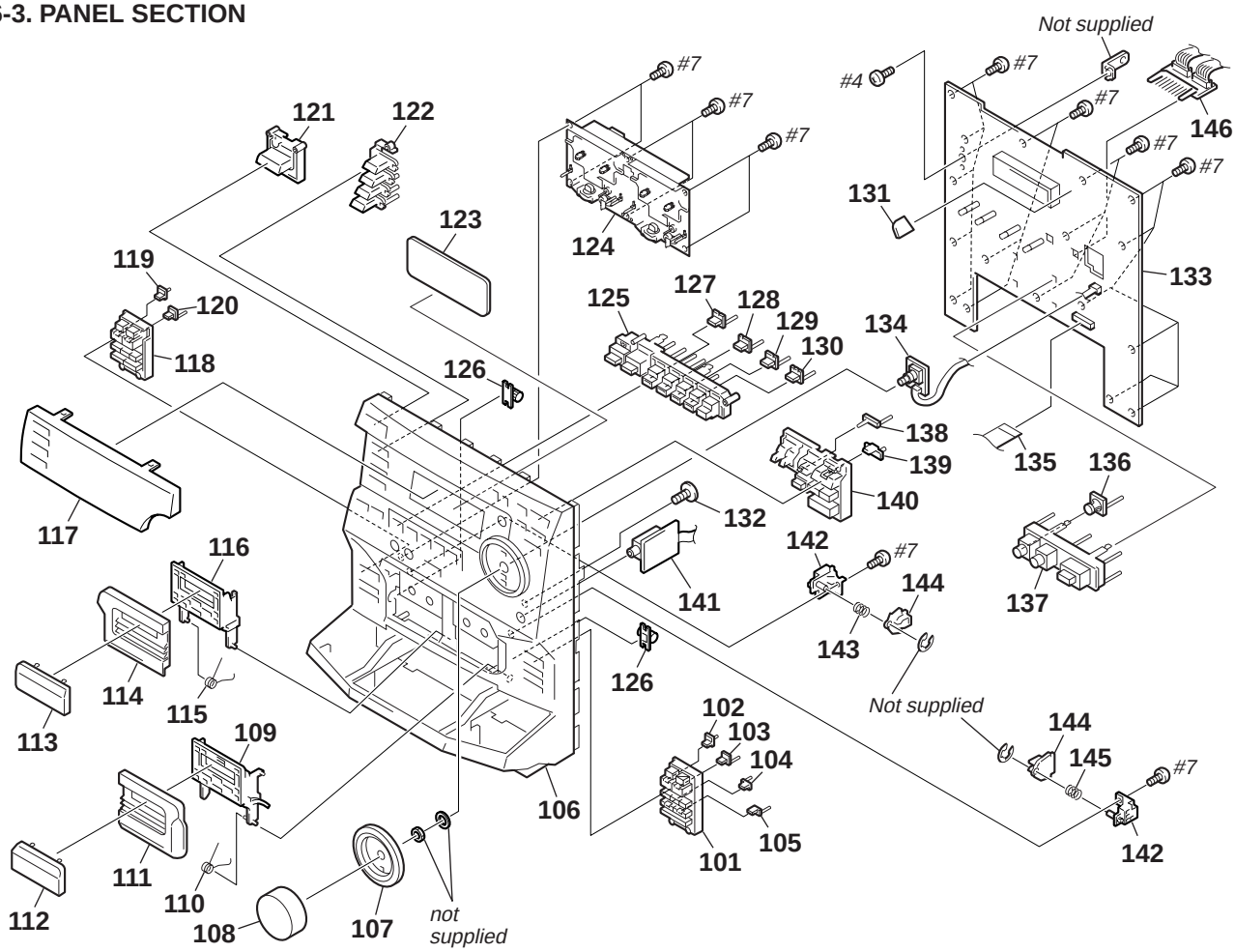
6-2. CD DOOR SECTION



Ref. No.	Part No.	Description	Remarks
51	4-221-007-01	BUTTON, CD PLAY(DR3,XB200)	
51	4-222-126-01	BUTTON, CD PLAY(DR330)	
52	4-221-008-01	LENS, CD PLAY BUTTON	
53	4-221-006-01	BUTTON, CD SKIP(DR3,XB200)	
53	4-222-125-01	BUTTON, CD SKIP(DR330)	
54	1-674-635-11	AMS BOARD	
55	4-221-011-01	SPRING (R), CD DOOR	
56	4-211-920-01	DAMPER (PG-5), GEAR	
57	1-674-632-11	CD SW BOARD	
58	4-221-128-01	LOCK	
59	4-221-010-01	SPRING (L), CD DOOR	
60	1-674-634-11	CD KEY BOARD	
61	4-221-004-01	BUTTON, CD DISC(DR3,XB200)	
61	4-222-123-01	BUTTON, CD DISC(DR330)	

Ref. No.	Part No.	Description	Remarks
62	4-221-005-01	BUTTON, CD EDIT(DR3,XB200)	
62	4-222-124-01	BUTTON, CD EDIT(DR330)	
63	4-220-995-01	PANEL, CD FRONT(DR3,XB200)	
63	4-222-120-01	PANEL, CD FRONT(DR330)	
64	4-221-002-01	RING, AMS	
65	4-221-003-01	KNOB, AMS(DR3,XB200)	
65	4-222-122-01	KNOB, AMS(DR330)	
66	4-220-996-01	WINDOW, CD DOOR	
67	4-221-009-01	HOOK, CD DOOR	
68	4-221-001-01	DOOR, CD(DR3,XB200)	
68	4-222-121-01	DOOR, CD(DR330)	
69	4-211-914-01	LENS, CD DOOR	
70	1-674-637-11	LED BOARD	

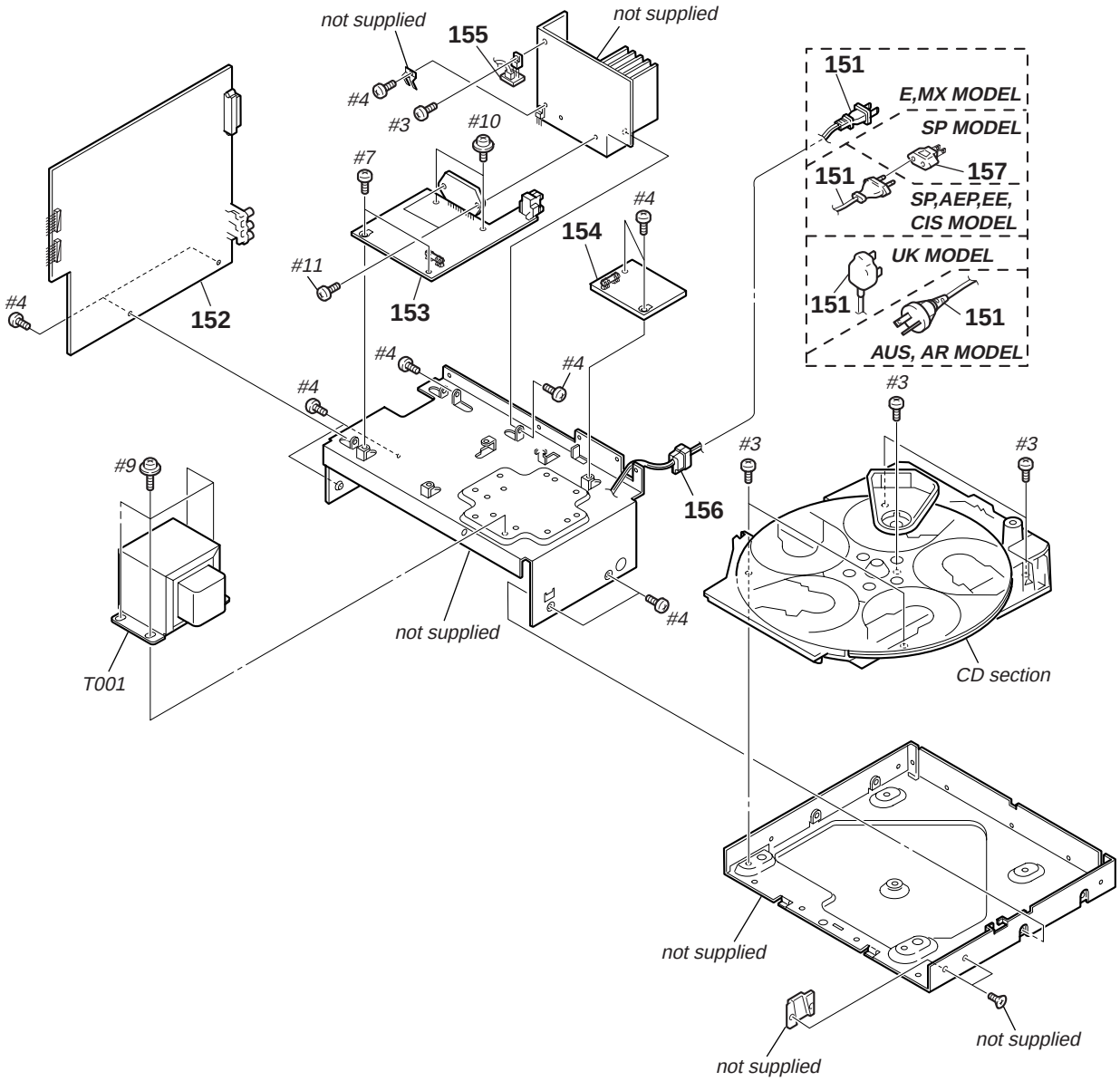
6-3. PANEL SECTION



Ref. No.	Part No.	Description	Remarks
101	4-221-028-01	BUTTON (R), CASS(DR3,XB200)	
101	4-222-130-01	BUTTON (R), CASS(DR330)	
102	4-221-034-01	LENS (A), CASS BUTTON (R)	
103	4-221-035-01	LENS (B), CASS BUTTON (R)	
104	4-221-036-01	LENS (C), CASS BUTTON (R)	
105	4-221-037-01	LENS (D), CASS BUTTON (R)	
106	4-221-014-01	PANEL, FRONT(DR3,XB200)	
106	4-222-131-01	PANEL, FRONT(DR330)	
107	4-221-000-01	RING, VR	
108	4-221-026-01	KNOB, VOLUME(DR3,XB200)	
108	4-222-128-01	KNOB, VOLUME(DR330)	
109	4-221-016-01	HOLDER (R), CASS DOOR	
110	4-220-989-01	SPRING (R), CASS	
111	4-222-135-01	DOOR (R), CASSETTE(XB200)	
111	4-222-136-01	DOOR (R), CASSETTE(DR3)	
111	4-222-137-01	DOOR (R), CASSETTE(DR330)	
112	4-220-998-01	WINDOW (R), CASS DOOR	
113	4-220-997-01	WINDOW (L), CASS DOOR	
114	4-222-132-01	DOOR (L), CASSETTE(XB200)	
114	4-222-133-01	DOOR (L), CASSETTE(DR3)	
114	4-222-134-01	DOOR (L), CASSETTE(DR330)	
115	4-220-988-01	SPRING (L), CASS	
116	4-221-015-01	HOLDER (L), CASS DOOR	
117	4-220-999-01	WINDOW, DISPLAY	
118	4-221-027-01	BUTTON (L), CASS(DR3,XB200)	
118	4-222-129-01	BUTTON (L), CASS(DR330)	
119	4-221-033-01	LENS (B), CASS BUTTON (L)	
120	4-221-032-01	LENS (A), CASS BUTTON (L)	
121	4-221-021-01	BUTTON, POWER (DR3,XB200)	
121	4-222-138-01	BUTTON, POWER(DR330)	

Ref. No.	Part No.	Description	Remarks
122	4-221-023-01	BUTTON, CLOCK	
123	4-220-987-01	PLATE, DISPLAY	
124	1-772-164-11	DECK, MECH	
125	4-221-024-01	BUTTON, MODE	
126	4-220-992-01	DAMPER (GRAY), GEAR	
127	4-221-038-01	LENS, ROCK BUTTON	
128	4-221-039-01	LENS, POP BUTTON	
129	4-220-985-01	LENS, JAZZ BUTTON	
130	4-220-986-01	LENS, SALSA BUTTON	
131	1-674-633-11	REM BOARD	
132	3-306-734-01	SCREW (M3 × 12), TAPPING	
133	A-4426-395-A	FRONT BOARD, COMPLETE(XB200)	
133	A-4426-396-A	FRONT BOARD, COMPLETE(DR3:E)	
133	A-4426-397-A	FRONT BOARD, COMPLETE(DR3:AUS)	
133	A-4426-398-A	FRONT BOARD, COMPLETE(DR3:AR)	
133	A-4426-400-A	FRONT BOARD, COMPLETE(DR3:MX,DR330)	
133	A-4426-399-A	FRONT BOARD, COMPLETE(DR3:SP)	
134	1-674-631-11	VR BOARD	
135	1-783-579-11	WIRE (FLAT TYPE) (16 CORE)	
136	4-221-031-01	LENS, GROOVE BUTTON	
137	4-221-025-01	BUTTON, SURROUND(DR3,XB200)	
137	4-222-127-01	BUTTON, SURROUND(DR330)	
138	4-221-030-01	LENS, ENTER BUTTON	
139	4-221-029-01	LENS, TUNER BUTTON	
140	4-221-022-01	BUTTON, TUNER(DR3,XB200)	
140	4-222-139-01	BUTTON, TUNER(DR330)	
142	4-220-990-01	HOLDER, EJECT	
143	4-220-994-01	SPRING (R), PUSHING	
144	4-220-991-01	LEVER, EJECT	
145	4-220-993-01	SPRING (L), PUSHING	
146	1-675-424-11	CONNECTOR BOARD	

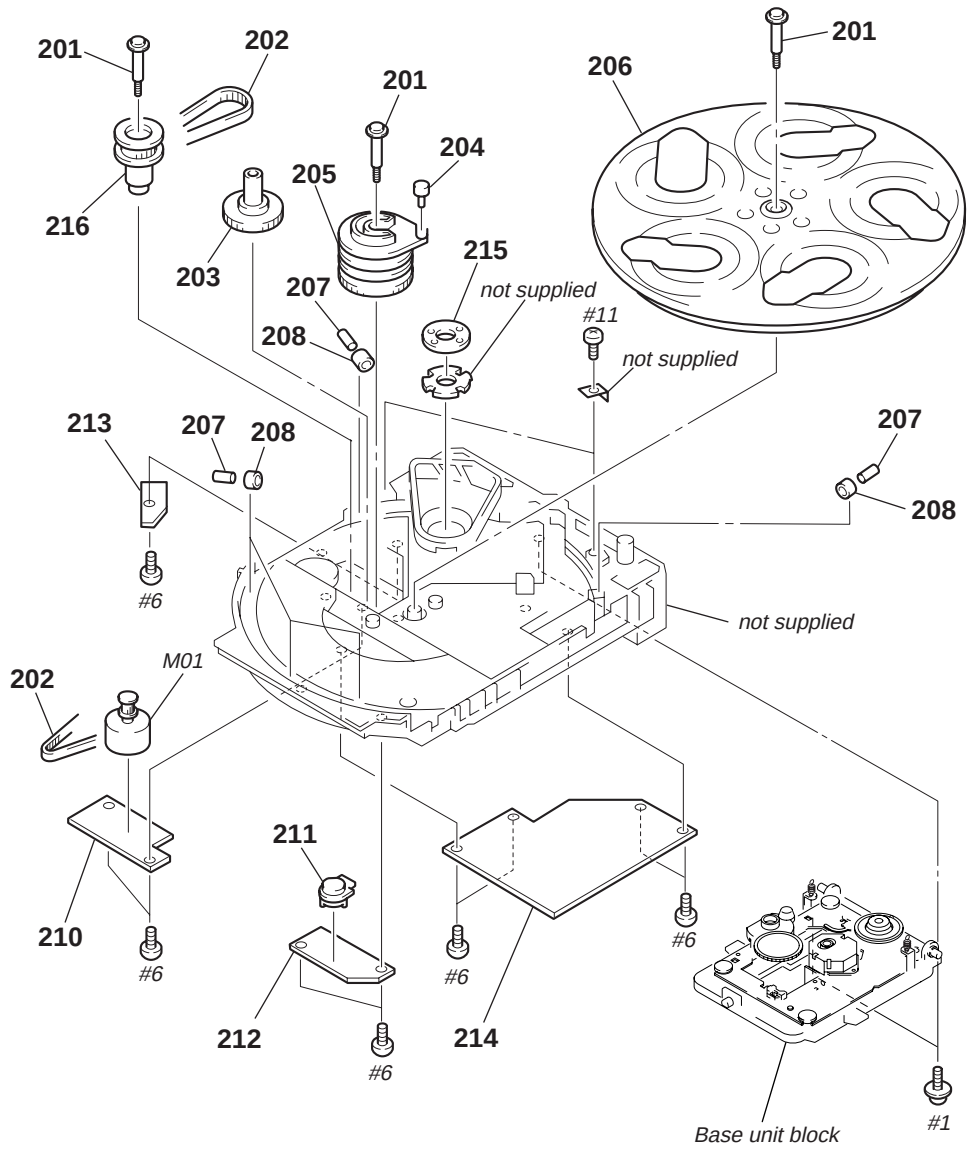
6-4. MAIN SECTION



Ref. No.	Part No.	Description	Remarks
⚠151	1-551-506-99	CORD, POWER(DR3:E,MX,DR330)	
⚠151	1-555-795-00	CORD, POWER(DR3:SP/XB200:AEP,EE,CIS)	
⚠151	1-696-572-21	CORD, POWER(XB200:UK)	
⚠151	1-696-966-11	CORD, POWER(DR3:AUS)	
⚠151	1-783-941-51	CORD, POWER(DR3:AR)	
152	A-4426-407-A	MAIN BOARD, COMPLETE(XB200)	
152	A-4426-408-A	MAIN BOARD, COMPLETE(DR3:E,SP,AR)	
152	A-4426-409-A	MAIN BOARD, COMPLETE(DR3:AUS)	
152	A-4426-410-A	MAIN BOARD, COMPLETE(DR3:MX,DR330)	
153	A-4426-417-A	POWER (AMP) BOARD, COMPLETE(XB200)	
153	A-4426-418-A	POWER (AMP) BOARD, COMPLETE (DR3:E,SP,AR,AUS)	
153	A-4426-419-A	POWER (AMP) BOARD, COMPLETE (DR3:MX,DR330)	
154	1-674-638-11	POWER SUPPLY BOARD	
155	1-674-642-11	TR BOARD	
156	3-703-244-21	BUSHING, CORD	
⚠157	1-569-008-21	ADAPTOR, CONVERSION 2P (SP)	
⚠T001	1-433-921-11	TRANSFORMER, POWER(DR3:MX,DR330)	
⚠T001	1-433-922-11	TRANSFORMER, POWER(XB200)	
⚠T001	1-433-923-11	TRANSFORMER, POWER(DR3:E,SP,AR)	
⚠T001	1-433-924-11	TRANSFORMER, POWER(DR3:AUS)	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

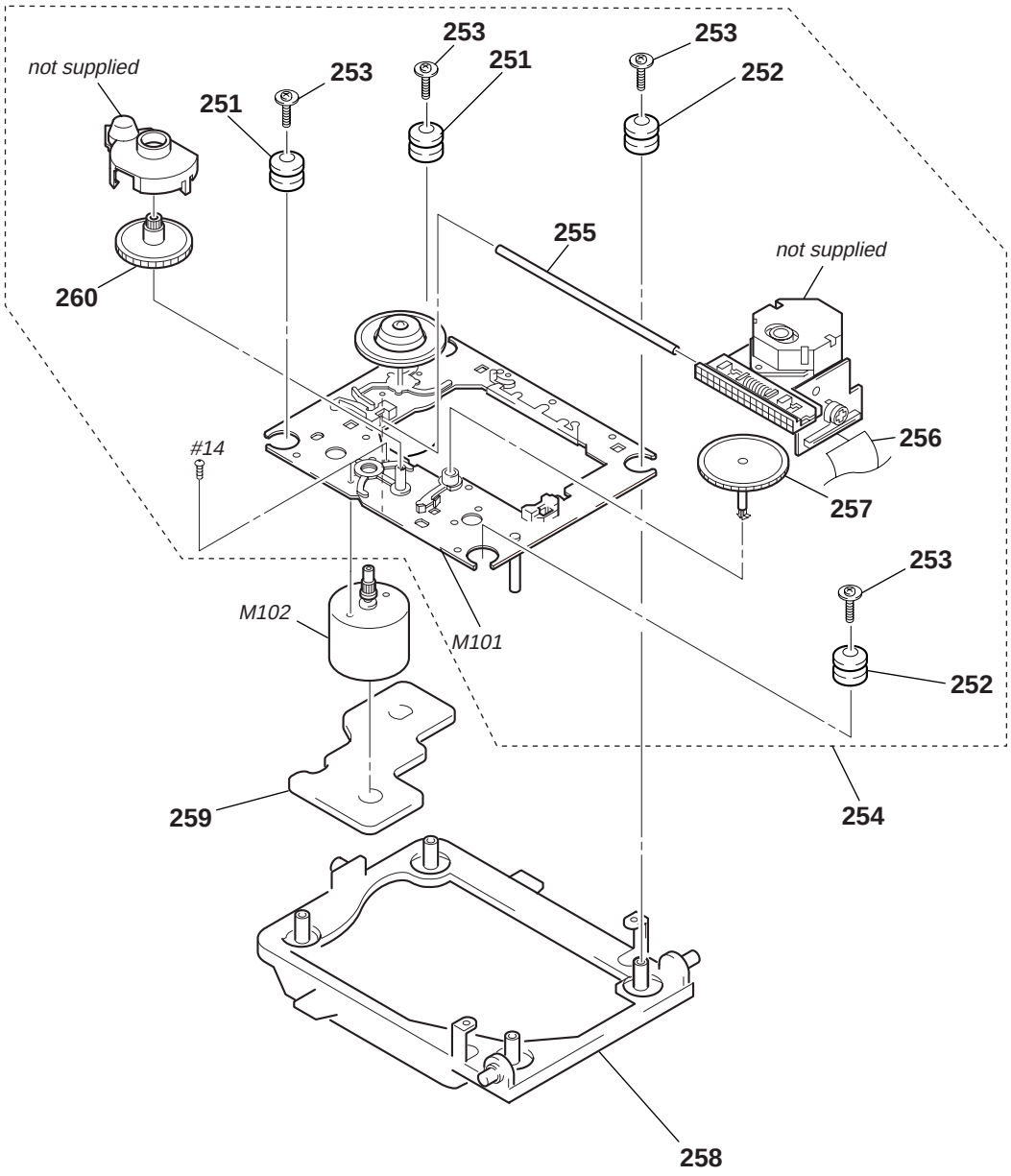
6-5. CD MECHANISM SECTION



Ref. No.	Part No.	Description	Remarks
201	4-987-976-01	SCREW,STEP	
202	4-944-490-01	BELT(TIMING)	
203	4-223-449-01	GEAR (MID)	
204	4-223-447-01	ROLLER(CAM)	
205	4-978-420-01	CAM(HOLDER)	
206	4-223-440-01	TABLE, DISC	
207	4-934-376-01	SHAFT (ROLLER)	
208	4-223-450-01	ROLLER	

Ref. No.	Part No.	Description	Remarks
210	1-675-422-11	MOTOR BOARD	
211	4-223-441-01	INDICATOR	
212	1-675-423-11	DISC NO BOARD	
213	1-675-421-11	CD SENSOR BOARD	
214	A-4426-810-A	CD DECORD BOARD, COMPLETE	
215	4-223-452-11	MAGNET	
216	4-223-439-11	PULLEY	
M01	1-541-632-11	MOTOR DC	

6-6. BASE UNIT SECTION (KSM-213ECM)



Ref. No.	Part No.	Description	Remarks
251	4-223-456-01	DAMPER(GR)	
252	4-223-457-01	DAMPER(RD)	
253	3-319-501-51	SCREW(+ PTPWH) (2.6 × 16)	
⚠254	8-820-054-03	OPTICAL PICK-UP KSM-213ECM/C2NP	
255	4-223-455-01	SHAFT(CAM)	
256	1-769-856-11	WIRE(FLAT TYPE) (5 CORE)	

Ref. No.	Part No.	Description	Remarks
257	2-626-907-01	GEAR (A)(S)	
258	4-992-164-01	BASE, KSM MECHANICAL	
259	1-675-422-11	MOTOR(6P)(C)BOARD	
260	2-627-003-02	GEAR (B)	
M101	X-2625-877-1	MOTOR ASSY (SPINDLE)	
M102	X-2625-769-1	MOTOR ASSY (SLED)	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

AC SWITCH **AMS**

CD DECORD

SECTION 7
ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- CAPACITORS:
  uF: µF
- RESISTORS
  All resistors are in ohms.
  METAL: metal-film resistor
  METAL OXIDE: Metal Oxide-film resistor
  F: nonflammable
- COILS
  uH: µH
- Abbreviation
  SP : Singapore model
  MX : Mexican model
  AR : Argentina model
  AUS : Australian model
  EE : East European model
- SEMICONDUCTORS
  In each case, u: µ, for example:
  uA...: µA... , uPA... , µPA... ,
  uPB... , µPB... , uPC... , µPC... ,
  uPD..., µPD...

When indicating parts by reference number, please include the board name.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

Ref. No.	Part No.	Description				Remarks
	1-674-880-11	AC SWITCH BOARD (DR3:E,SP,AR)				
		**********				
		< SWITCH >				
S001	1-771-477-11	SELECTOR, VOLTAGE (VOLTAGE SELECTOR)				
**********						
	1-674-635-11	AMS BOARD				
		**********				
		< LED >				
LED616	8-719-304-83	LED SEL2410G (CD, ▶II)				
		< RESISTOR >				
R663	1-247-835-11	CARBON	1.5K	5%	1/4W	
R664	1-247-839-11	CARBON	2.2K	5%	1/4W	
R665	1-247-843-11	CARBON	3.3K	5%	1/4W	
R666	1-247-847-11	CARBON	4.7K	5%	1/4W	
R667	1-249-428-11	CARBON	8.2K	5%	1/4W	F
R668	1-249-431-11	CARBON	15K	5%	1/4W	
		< SWITCH >				
S645	1-762-875-11	SWITCH, KEYBOARD (CD, ▶II)				
S646	1-762-875-11	SWITCH, KEYBOARD (CD, ■)				
S647	1-762-875-11	SWITCH, KEYBOARD (DISC SKIP)				
S648	1-762-875-11	SWITCH, KEYBOARD (CD, ▶▶)				
S649	1-762-875-11	SWITCH, KEYBOARD (CD, ◀◀)				
S650	1-762-875-11	SWITCH, KEYBOARD (PLAY MODE)				
S651	1-762-875-11	SWITCH, KEYBOARD (REPEAT)				
		< VARIABLERESISTOR >				
VR602	1-475-841-11	ENCODER (AMS)				
**********						
	A-4426-810-A	CD DECORD BOARD, COMPLETE				
		**********				
		< CAPACITOR >				
C01	1-104-665-11	ELECT	100uF	20%	10V	
C02	1-130-489-11	MYLAR	0.033uF	5%	50V	
C03	1-162-306-11	CERAMIC	0.01uF	20%	16V	
C04	1-130-489-11	MYLAR	0.033uF	5%	50V	
C05	1-162-306-11	CERAMIC	0.01uF	20%	16V	
C06	1-128-551-11	ELECT	22uF	20%	25V	
C07	1-162-203-31	CERAMIC	15PF	5%	50V	
C08	1-164-159-11	CERAMIC	0.1uF		50V	
C11	1-162-600-11	CERAMIC	0.0047uF	20%	16V	
C12	1-162-306-11	CERAMIC	0.01uF	20%	16V	

Ref. No.	Part No.	Description			Remarks
C13	1-162-305-11	CERAMIC	0.0068uF	20%	16V
C14	1-164-206-41	CERAMIC	0.047uF	99%	50V
C15	1-161-494-00	CERAMIC	0.022uF		25V
C16	1-164-159-11	CERAMIC	0.1uF		50V
C17	1-104-665-11	ELECT	100uF	20%	10V
C18	1-104-665-11	ELECT	100uF	20%	10V
C19	1-164-159-11	CERAMIC	0.1uF		50V
C20	1-162-302-11	CERAMIC	0.0022uF	20%	16V
C21	1-164-159-11	CERAMIC	0.1uF		50V
C22	1-164-159-11	CERAMIC	0.1uF		50V
C23	1-164-159-11	CERAMIC	0.1uF		50V
C24	1-126-963-11	ELECT	4.7uF	20%	50V
C25	1-130-489-11	MYLAR	0.033uF	5%	50V
C26	1-130-486-00	MYLAR	0.018uF	10%	50V
C27	1-162-199-31	CERAMIC	10PF	5%	50V
C28	1-130-493-00	MYLAR	0.068uF	5%	50V
C29	1-126-962-11	ELECT	3.3uF	20%	50V
C30	1-162-215-31	CERAMIC	47PF	5%	50V
C31	1-164-159-11	CERAMIC	0.1uF		50V
C32	1-164-159-11	CERAMIC	0.1uF		50V
C33	1-104-665-11	ELECT	100uF	20%	10V
C41	1-126-964-11	ELECT	10uF	20%	50V
C42	1-126-964-11	ELECT	10uF	20%	50V
C51	1-126-927-11	ELECT	2200uF	20%	10V
C52	1-164-159-11	CERAMIC	0.1uF		50V
C53	1-162-305-11	CERAMIC	0.0068uF	20%	16V
C54	1-130-483-00	MYLAR	0.01uF	5%	50V
C56	1-137-380-11	FILM	0.47uF	5%	50V
C57	1-162-306-11	CERAMIC	0.01uF	20%	16V
C59	1-162-290-31	CERAMIC	470PF	10%	50V
C60	1-162-286-31	CERAMIC	220PF	10%	50V
C61	1-137-378-11	FILM	0.22uF	5%	50V
C62	1-162-306-11	CERAMIC	0.01uF	20%	16V
C63	1-164-159-11	CERAMIC	0.1uF		50V
C64	1-104-665-11	ELECT	100uF	20%	10V
C65	1-162-294-31	CERAMIC	0.001uF	10%	50V
C66	1-162-294-31	CERAMIC	0.001uF	10%	50V
C67	1-162-294-31	CERAMIC	0.001uF	10%	50V
C68	1-162-294-31	CERAMIC	0.001uF	10%	50V
C69	1-162-294-31	CERAMIC	0.001uF	10%	50V
C70	1-164-159-11	CERAMIC	0.1uF		50V
C71	1-164-159-11	CERAMIC	0.1uF		50V
C72	1-104-665-11	ELECT	100uF	20%	10V
C73	1-162-209-31	CERAMIC	27PF	5%	50V
C74	1-162-209-31	CERAMIC	27PF	5%	50V
C75	1-161-494-00	CERAMIC	0.022uF	25V	
C81	1-162-284-31	CERAMIC	150PF	10%	50V
C82	1-162-284-31	CERAMIC	150PF	10%	50V
C83	1-162-292-31	CERAMIC	680PF	10%	50V
C84	1-162-292-31	CERAMIC	680PF	10%	50V

CD DECORD

Ref. No.	Part No.	Description			Remarks
C85	1-126-963-11	ELECT	4.7uF	20%	50V
C86	1-126-963-11	ELECT	4.7uF	20%	50V
C87	1-162-294-31	CERAMIC	0.001uF	10%	50V
C88	1-162-294-31	CERAMIC	0.001uF	10%	50V
C89	1-161-494-00	CERAMIC	0.022uF		25V
C90	1-161-494-00	CERAMIC	0.022uF		25V
C91	1-126-934-11	ELECT	220uF	20%	10V
C92	1-126-934-11	ELECT	220uF	20%	10V
C93	1-164-159-11	CERAMIC	0.1uF		50V
C94	1-126-934-11	ELECT	220uF	20%	10V
C95	1-126-934-11	ELECT	220uF	20%	10V
C96	1-162-294-31	CERAMIC	0.001uF	10%	50V
C97	1-162-294-31	CERAMIC	0.001uF	10%	50V
C98	1-162-294-31	CERAMIC	0.001uF	10%	50V
C20A	1-130-493-00	MYLAR	0.068uF	5%	50V
C80L	1-164-159-11	CERAMIC	0.1uF		50V
C80R	1-164-159-11	CERAMIC	0.1uF		50V
		< CONNECTOR >			
CN01	1-580-475-11	SOCKET, CONNECTOR 16P			
* CN02	1-564-708-11	PIN, CONNECTOR (SMALL TYPE) 6P			
		< DIODE >			
D05	8-719-010-41	DIODE UZ-5.6BSA			
D06	8-719-062-09	DIODE SEL2815A-CD			
		< IC >			
IC01	8-752-082-14	IC CXA1992BR			
IC02	8-752-384-13	IC CXD2589Q			
IC03	8-759-429-31	IC BA5941FP			
IC04	8-759-234-75	IC TC74HC4094AP			
IC05	8-759-365-94	IC TA8409S			
		< COIL >			
L02	1-410-509-11	INDUCTOR 10uH			
L03	1-410-330-11	INDUCTOR 22uH			
L05	1-408-104-00	INDUCTOR 1mH			
		< TRANSISTOR >			
Q01	8-729-195-23	TRANSISTOR 2SA952-L			
Q03	8-729-195-23	TRANSISTOR 2SA952-L			
Q04	8-729-142-46	TRANSISTOR 2SC2001-L1			
Q07	8-729-194-57	TRANSISTOR 2SC945TP-P			
Q09	8-729-194-57	TRANSISTOR 2SC945TP-P			
Q10	8-729-194-57	TRANSISTOR 2SC945TP-P			
Q11	8-729-119-76	TRANSISTOR 2SA733TP-P			
Q12	8-729-119-76	TRANSISTOR 2SA733TP-P			
Q13	8-729-194-57	TRANSISTOR 2SC945TP-P			
Q14	8-729-194-57	TRANSISTOR 2SC945TP-P			
		< RESISTOR >			
R01	1-249-393-11	CARBON	10	5%	1/4W F
R05	1-247-855-11	CARBON	10K	5%	1/4W
R06	1-249-430-11	CARBON	12K	5%	1/4W
R07	1-247-903-00	CARBON	1M	5%	1/4W
R10	1-247-887-00	CARBON	220K	5%	1/4W
R11	1-247-883-00	CARBON	150K	5%	1/4W
R13	1-247-879-11	CARBON	100K	5%	1/4W
R14	1-249-439-11	CARBON	68K	5%	1/4W
R15	1-249-439-11	CARBON	68K	5%	1/4W
R16	1-249-439-11	CARBON	68K	5%	1/4W

Ref. No.	Part No.	Description			Remarks
R17	1-249-439-11	CARBON	68K	5%	1/4W
R18	1-247-879-11	CARBON	100K	5%	1/4W
R19	1-247-883-00	CARBON	150K	5%	1/4W
R20	1-247-891-00	CARBON	330K	5%	1/4W
R23	1-247-855-11	CARBON	10K	5%	1/4W
R24	1-249-428-11	CARBON	8.2K	5%	1/4W F
R25	1-247-899-11	CARBON	680K	5%	1/4W
R26	1-247-879-11	CARBON	100K	5%	1/4W
R27	1-247-896-11	CARBON	510K	5%	1/4W
R29	1-249-439-11	CARBON	68K	5%	1/4W
R30	1-247-871-11	CARBON	47K	5%	1/4W
R32	1-247-883-00	CARBON	150K	5%	1/4W
R33	1-249-430-11	CARBON	12K	5%	1/4W
R34	1-247-876-11	CARBON	75K	5%	1/4W
R35	1-247-879-11	CARBON	100K	5%	1/4W
R36	1-247-885-00	CARBON	180K	5%	1/4W
R41	1-249-427-11	CARBON	6.8K	5%	1/4W F
R42	1-247-847-11	CARBON	4.7K	5%	1/4W
R43	1-249-413-11	CARBON	470	5%	1/4W F
R44	1-247-871-11	CARBON	47K	5%	1/4W
R45	1-247-863-11	CARBON	22K	5%	1/4W
R46	1-247-855-11	CARBON	10K	5%	1/4W
R48	1-247-855-11	CARBON	10K	5%	1/4W
R49	1-247-855-11	CARBON	10K	5%	1/4W
R50	1-247-863-11	CARBON	22K	5%	1/4W
R52	1-247-871-11	CARBON	47K	5%	1/4W
R53	1-247-867-11	CARBON	33K	5%	1/4W
R54	1-247-863-11	CARBON	22K	5%	1/4W
R55	1-249-427-11	CARBON	6.8K	5%	1/4W F
R56	1-247-867-11	CARBON	33K	5%	1/4W
R58	1-247-871-11	CARBON	47K	5%	1/4W
R59	1-247-843-11	CARBON	3.3K	5%	1/4W
R60	1-249-417-11	CARBON	1K	5%	1/4W F
R61	1-247-855-11	CARBON	10K	5%	1/4W
R62	1-247-903-00	CARBON	1M	5%	1/4W
R63	1-247-887-00	CARBON	220K	5%	1/4W
R64	1-247-855-11	CARBON	10K	5%	1/4W
R65	1-247-871-11	CARBON	47K	5%	1/4W
R66	1-249-417-11	CARBON	1K	5%	1/4W F
R67	1-249-417-11	CARBON	1K	5%	1/4W F
R68	1-249-417-11	CARBON	1K	5%	1/4W F
R69	1-249-417-11	CARBON	1K	5%	1/4W F
R70	1-249-417-11	CARBON	1K	5%	1/4W F
R71	1-247-807-11	CARBON	100	5%	1/4W
R73	1-249-442-11	CARBON	510	5%	1/4W
R74	1-247-903-00	CARBON	1M	5%	1/4W
R75	1-247-871-11	CARBON	47K	5%	1/4W
R81	1-249-430-11	CARBON	12K	5%	1/4W
R82	1-249-430-11	CARBON	12K	5%	1/4W
R83	1-249-430-11	CARBON	12K	5%	1/4W
R84	1-249-430-11	CARBON	12K	5%	1/4W
R85	1-249-430-11	CARBON	12K	5%	1/4W
R86	1-249-430-11	CARBON	12K	5%	1/4W
R87	1-247-839-11	CARBON	2.2K	5%	1/4W
R88	1-247-839-11	CARBON	2.2K	5%	1/4W
R89	1-247-847-11	CARBON	4.7K	5%	1/4W
R90	1-247-847-11	CARBON	4.7K	5%	1/4W
R91	1-249-412-11	CARBON	390	5%	1/4W F
R92	1-247-855-11	CARBON	10K	5%	1/4W
R93	1-249-411-11	CARBON	330	5%	1/4W

Ref. No.	Part No.	Description			Remarks
R94	1-249-417-11	CARBON	1K	5%	1/4W F
R95	1-249-417-11	CARBON	1K	5%	1/4W F
R96	1-249-417-11	CARBON	1K	5%	1/4W F
R97	1-249-417-11	CARBON	1K	5%	1/4W F
R98	1-249-417-11	CARBON	1K	5%	1/4W F
R77L	1-247-855-11	CARBON	10K	5%	1/4W
R77R	1-247-855-11	CARBON	10K	5%	1/4W
R78L	1-247-855-11	CARBON	10K	5%	1/4W
R78R	1-247-855-11	CARBON	10K	5%	1/4W
R79L	1-247-855-11	CARBON	10K	5%	1/4W
R79R	1-247-855-11	CARBON	10K	5%	1/4W
R80L	1-247-855-11	CARBON	10K	5%	1/4W
R80R	1-247-855-11	CARBON	10K	5%	1/4W
		< VIBRATOR >			
XTL01	1-567-908-11	VIBRATOR, CRYSTAL 16.9344MHz			
**********					
	1-674-634-11	CD KEY BOARD			
		**********			
		< RESISTOR >			
R651	1-249-431-11	CARBON	15K	5%	1/4W
R652	1-247-835-11	CARBON	1.5K	5%	1/4W
R658	1-247-839-11	CARBON	2.2K	5%	1/4W
R659	1-247-843-11	CARBON	3.3K	5%	1/4W
R660	1-247-847-11	CARBON	4.7K	5%	1/4W
R661	1-249-428-11	CARBON	8.2K	5%	1/4W F
R662	1-249-418-11	CARBON	1.2K	5%	1/4W F
		< SWITCH >			
S639	1-762-875-11	SWITCH, KEYBOARD (DISC 1)			
S640	1-762-875-11	SWITCH, KEYBOARD (DISC 2)			
S641	1-762-875-11	SWITCH, KEYBOARD (DISC 3)			
S642	1-762-875-11	SWITCH, KEYBOARD (DISC 4)			
S643	1-762-875-11	SWITCH, KEYBOARD (DISC 5)			
S644	1-762-875-11	SWITCH, KEYBOARD (EDIT)			
**********					
	1-675-421-11	CD SENSOR BOARD			
		**********			
		< RESISTOR >			
R47	1-249-416-11	CARBON	820	5%	1/4W F
		< SENSOR >			
SENS01	8-749-924-18	PHOTO INTERRUPTER RPI-1391			
**********					
	1-674-632-11	CD SW BOARD			
		**********			
		< SWITCH >			
S653	1-771-169-11	SWITCH (DOOR)			
**********					
	1-675-424-11	CONNECTOR BOARD			
		**********			
		< CONNECTOR >			
* CN11	1-770-334-11	PIN, CONNECTOR (PC BOARD) 17P			
**********					

Ref. No.	Part No.	Description			Remarks
	1-675-423-11	DISC NO BOARD			
		**********			
		< RESISTOR >			
R04	1-247-862-11	CARBON	20K	5%	1/4W
**********					
	A-4426-395-A	FRONT BOARD, COMPLETE (XB200)			
		**********			
	A-4426-396-A	FRONT BOARD, COMPLETE (DR3:E)			
		**********			
	A-4426-397-A	FRONT BOARD, COMPLETE (DR3:AUS)			
		**********			
	A-4426-398-A	FRONT BOARD, COMPLETE (DR3:AR)			
		**********			
	A-4426-399-A	FRONT BOARD, COMPLETE (DR3:SP)			
		**********			
	A-4426-400-A	FRONT BOARD, COMPLETE (DR3:MX/DR330)			
		**********			
		< CAPACITOR >			
C601	1-126-960-11	ELECT	1uF	20%	50V
C602	1-126-933-11	ELECT	100uF	20%	16V
C603	1-126-916-11	ELECT	1000uF	20%	6.3V
			(DR3:MX,AR,AUS/DR330/XB200)		
C604	1-161-494-00	CERAMIC	0.022uF		25V
C605	1-104-664-11	ELECT	47uF	20%	10V
C606	1-164-159-11	CERAMIC	0.1uF		50V
C608	1-126-958-11	ELECT	0.33uF	20%	50V
C609	1-164-159-11	CERAMIC	0.1uF		50V
C610	1-126-964-11	ELECT	10uF	20%	50V
C611	1-161-494-00	CERAMIC	0.022uF		25V
C612	1-162-286-31	CERAMIC	220PF	10%	50V
C613	1-102-962-00	CERAMIC	30PF	5%	50V
C614	1-102-962-00	CERAMIC	30PF	5%	50V
C615	1-162-286-31	CERAMIC	220PF	10%	50V
C616	1-164-159-11	CERAMIC	0.1uF		50V
C618	1-162-286-31	CERAMIC	220PF	10%	50V
C619	1-162-286-31	CERAMIC	220PF	10%	50V
C620	1-162-286-31	CERAMIC	220PF	10%	50V
C621	1-162-282-31	CERAMIC	100PF	10%	50V
C622	1-162-286-31	CERAMIC	220PF	10%	50V
C623	1-162-286-31	CERAMIC	220PF	10%	50V
C624	1-162-286-31	CERAMIC	220PF	10%	50V
C625	1-126-964-11	ELECT	10uF	20%	50V
C626	1-161-494-00	CERAMIC	0.022uF		25V
C627	1-162-286-31	CERAMIC	220PF	10%	50V
C628	1-162-286-31	CERAMIC	220PF	10%	50V
C629	1-162-294-31	CERAMIC	0.001uF	10%	50V
C630	1-162-294-31	CERAMIC	0.001uF	10%	50V
C631	1-126-964-11	ELECT	10uF	20%	50V
C632	1-161-494-00	CERAMIC	0.022uF		25V
C633	1-162-294-31	CERAMIC	0.001uF	10%	50V
C634	1-126-964-11	ELECT	10uF	20%	50V
C635	1-126-964-11	ELECT	10uF	20%	50V
C636	1-161-494-00	CERAMIC	0.022uF		25V
C637	1-162-294-31	CERAMIC	0.001uF	10%	50V
C638	1-162-294-31	CERAMIC	0.001uF	10%	50V
C639	1-162-294-31	CERAMIC	0.001uF	10%	50V
C640	1-104-664-11	ELECT	47uF	20%	10V
C643	1-126-959-11	ELECT	0.47uF	20%	50V
C644	1-164-206-41	CERAMIC	0.047uF	99%	50V

FRONT

Ref. No.	Part No.	Description			Remarks
C645	1-126-957-11	ELECT	0.22uF	20%	50V
C646	1-126-957-11	ELECT	0.22uF	20%	50V
C647	1-162-306-11	CERAMIC	0.01uF	20%	16V
C648	1-126-957-11	ELECT	0.22uF	20%	50V
C649	1-162-302-11	CERAMIC	0.0022uF	20%	16V
C650	1-137-352-11	FILM	0.033uF	5%	100V
C651	1-126-957-11	ELECT	0.22uF	20%	50V
C653	1-162-293-31	CERAMIC	820PF	10%	50V
C654	1-126-957-11	ELECT	0.22uF	20%	50V
C655	1-126-957-11	ELECT	0.22uF	20%	50V
C658	1-162-286-31	CERAMIC	220PF	10%	50V
C659	1-162-286-31	CERAMIC	220PF	10%	50V
C660	1-162-286-31	CERAMIC	220PF	10%	50V
C661	1-162-286-31	CERAMIC	220PF	10%	50V
C662	1-162-286-31	CERAMIC	220PF	10%	50V
C663	1-126-934-11	ELECT	220uF	20%	16V
C664	1-126-934-11	ELECT	220uF	20%	16V
C665	1-162-286-31	CERAMIC	220PF	10%	50V
C667	1-162-286-31	CERAMIC	220PF	10%	50V
C668	1-126-933-11	ELECT	100uF	20%	16V
C669	1-164-206-41	CERAMIC	0.047uF	99%	50V
C670	1-164-206-41	CERAMIC	0.047uF	99%	50V
C671	1-126-960-11	ELECT	1uF	20%	50V
C672	1-162-286-31	CERAMIC	220PF	10%	50V
C673	1-126-963-11	ELECT	4.7uF	20%	50V
		< CONNECTOR >			
* CN603	1-564-708-11	PIN, CONNECTOR (SMALL TYPE) 6P			
* CN606	1-564-705-11	PIN, CONNECTOR (SMALL TYPE) 3P			
CN607	1-568-835-21	SOCKET, CONNECTOR 16P			
		< DIODE >			
D601	8-719-031-85	DIODE 1N4002L			
D602	8-719-031-85	DIODE 1N4002L			
D603	8-719-991-33	DIODE 1SS133T-77			
D604	8-719-991-33	DIODE 1SS133T-77			
D605	8-719-947-12	DIODE UZ-4.7BSA			
D607	8-719-991-33	DIODE 1SS133T-77 (DR3:E,AUS/XB200)			
D606	8-719-991-33	DIODE 1SS133T-77 (DR3:MX/DR330)			
D608	8-719-991-33	DIODE 1SS133T-77 (DR3:MX/DR330)			
D609	8-719-991-33	DIODE 1SS133T-77 (DR3:MX,AUS/DR330/XB200)			
D611	8-719-991-33	DIODE 1SS133T-77 (DR3:AUS/XB200)			
D612	8-719-991-33	DIODE 1SS133T-77 (DR3:SP)			
D613	8-719-991-33	DIODE 1SS133T-77			
D614	8-719-991-33	DIODE 1SS133T-77			
D615	8-719-991-33	DIODE 1SS133T-77			
D616	8-719-991-33	DIODE 1SS133T-77			
D617	8-719-991-33	DIODE 1SS133T-77			
D618	8-719-991-33	DIODE 1SS133T-77			
D619	8-719-991-33	DIODE 1SS133T-77			
D620	8-719-991-33	DIODE 1SS133T-77			
D621	8-719-991-33	DIODE 1SS133T-77			
D622	8-719-991-33	DIODE 1SS133T-77			
D624	8-719-991-33	DIODE 1SS133T-77			
D723	8-719-991-33	DIODE 1SS133T-77			
D730	8-719-991-33	DIODE 1SS133T-77			
D731	8-719-991-33	DIODE 1SS133T-77			
		< FLUORESCENTINDICATOR >			
FLD601	1-517-840-31	INDICATOR TUBE, FLUORESCENT			

Ref. No.	Part No.	Description			Remarks
		< IC >			
IC601	8-759-595-06	IC LC866540A-5K40			
IC602	8-759-275-23	IC BU2092			
IC603	8-759-473-61	IC BU2114			
IC604	8-759-000-49	IC TC4066BP			
IC606	8-759-916-52	IC TC74HC165AP			
IC607	8-759-234-75	IC TC74HC4094AP			
		< COIL >			
L601	1-414-151-11	INDUCTOR 470uH			
		< LED >			
LED601	8-719-062-09	LED SEL2815A-CD (ENTER/NEXT9			
LED602	8-719-303-02	LED SEL2510C (TUNER/BAND)			
LED603	8-719-028-38	LED SEL2215R-TP1 (GROOVE)			
LED605	8-719-052-46	LED SEL1450EKM-TP5 (SALSA)			
LED606	8-719-052-46	LED SEL1450EKM-TP5 (JAZZ)			
LED607	8-719-052-46	LED SEL1450EKM-TP5 (POPS)			
LED608	8-719-052-46	LED SEL1450EKM-TP5 (ROCK)			
LED610	8-719-028-38	LED SEL2215R-TP1 (● REC)			
LED611	8-719-062-09	LED SEL2815A-CD (❚❚ PAUSE)			
LED612	8-719-303-02	LED SEL2510C (TAPE B, ◀)			
LED613	8-719-303-02	LED SEL2510C (TAPE B, ▶)			
LED614	8-719-303-02	LED SEL2510C (TAPE A, ◀)			
LED615	8-719-303-02	LED SEL2510C (TAPE A, ▶)			
		< TRANSISTOR >			
Q601	8-729-194-57	TRANSISTOR 2SC945TP-P			
Q602	8-729-194-57	TRANSISTOR 2SC945TP-P			
Q603	8-729-194-57	TRANSISTOR 2SC945TP-P			
Q604	8-729-119-76	TRANSISTOR 2SA733-P			
Q605	8-729-194-57	TRANSISTOR 2SC945TP-P (DR3:SP)			
Q606	8-729-026-29	TRANSISTOR 2SJ346 (DR3:SP)			
Q607	8-729-194-57	TRANSISTOR 2SC945TP-P			
Q608	8-729-026-29	TRANSISTOR 2SJ346			
Q609	8-729-026-29	TRANSISTOR 2SJ346			
Q610	8-729-194-57	TRANSISTOR 2SC945TP-P			
Q611	8-729-194-57	TRANSISTOR 2SC945TP-P			
Q612	8-729-194-57	TRANSISTOR 2SC945TP-P			
Q613	8-729-993-43	TRANSISTOR 2SA934R			
Q614	8-729-993-43	TRANSISTOR 2SA934R			
Q615	8-729-993-43	TRANSISTOR 2SA934R			
		< RESISTOR >			
R601	1-247-871-11	CARBON	47K	5%	1/4W
R602	1-249-417-11	CARBON	1K	5%	1/4W F
R603	1-249-417-11	CARBON	1K	5%	1/4W F
R604	1-247-871-11	CARBON	47K	5%	1/4W
R605	1-247-871-11	CARBON	47K	5%	1/4W
R606	1-249-417-11	CARBON	1K	5%	1/4W F
R607	1-249-431-11	CARBON	15K	5%	1/4W
R608	1-247-871-11	CARBON	47K	5%	1/4W
R609	1-247-855-11	CARBON	10K	5%	1/4W
R610	1-247-855-11	CARBON	10K	5%	1/4W
R611	1-247-855-11	CARBON	10K	5%	1/4W
R612	1-247-855-11	CARBON	10K	5%	1/4W
R613	1-247-855-11	CARBON	10K	5%	1/4W
R614	1-247-855-11	CARBON	10K	5%	1/4W
R615	1-247-855-11	CARBON	10K	5%	1/4W

Ref. No.	Part No.	Description			Remarks
R616	1-247-855-11	CARBON	10K	5%	1/4W
R617	1-247-807-11	CARBON	100	5%	1/4W
R618	1-247-807-11	CARBON	100	5%	1/4W
R619	1-247-827-11	CARBON	680	5%	1/4W
R620	1-249-416-11	CARBON	820	5%	1/4W F
R621	1-249-418-11	CARBON	1.2K	5%	1/4W F
R622	1-247-835-11	CARBON	1.5K	5%	1/4W
R623	1-247-839-11	CARBON	2.2K	5%	1/4W
R624	1-247-843-11	CARBON	3.3K	5%	1/4W
R625	1-247-847-11	CARBON	4.7K	5%	1/4W
R626	1-249-428-11	CARBON	8.2K	5%	1/4W F
R627	1-249-430-11	CARBON	12K	5%	1/4W
R628	1-249-434-11	CARBON	27K	5%	1/4W
R629	1-247-827-11	CARBON	680	5%	1/4W
R630	1-249-416-11	CARBON	820	5%	1/4W F
R631	1-249-418-11	CARBON	1.2K	5%	1/4W F
R632	1-247-835-11	CARBON	1.5K	5%	1/4W
R633	1-247-839-11	CARBON	2.2K	5%	1/4W
R634	1-247-843-11	CARBON	3.3K	5%	1/4W
R635	1-247-847-11	CARBON	4.7K	5%	1/4W
R636	1-249-428-11	CARBON	8.2K	5%	1/4W F
R637	1-249-431-11	CARBON	15K	5%	1/4W
R639	1-247-827-11	CARBON	680	5%	1/4W
R640	1-249-416-11	CARBON	820	5%	1/4W F
R641	1-249-418-11	CARBON	1.2K	5%	1/4W F
R642	1-247-835-11	CARBON	1.5K	5%	1/4W
R643	1-247-839-11	CARBON	2.2K	5%	1/4W
R644	1-247-843-11	CARBON	3.3K	5%	1/4W
R645	1-247-847-11	CARBON	4.7K	5%	1/4W
R646	1-249-428-11	CARBON	8.2K	5%	1/4W F
R647	1-249-431-11	CARBON	15K	5%	1/4W
R648	1-247-827-11	CARBON	680	5%	1/4W
R649	1-249-416-11	CARBON	820	5%	1/4W F
R653	1-247-827-11	CARBON	680	5%	1/4W
R654	1-249-416-11	CARBON	820	5%	1/4W F
R670	1-247-855-11	CARBON	10K	5%	1/4W (DR3:SP)
R675	1-247-871-11	CARBON	47K	5%	1/4W
R676	1-247-855-11	CARBON	10K	5%	1/4W
R678	1-247-855-11	CARBON	10K	5%	1/4W
R679	1-247-855-11	CARBON	10K	5%	1/4W
R681	1-249-410-11	CARBON	270	5%	1/4W F
R682	1-249-410-11	CARBON	270	5%	1/4W F
R683	1-249-410-11	CARBON	270	5%	1/4W F
R684	1-249-410-11	CARBON	270	5%	1/4W F
R685	1-247-855-11	CARBON	10K	5%	1/4W
R687	1-249-410-11	CARBON	270	5%	1/4W F
R688	1-249-410-11	CARBON	270	5%	1/4W F
R689	1-249-410-11	CARBON	270	5%	1/4W F
R690	1-249-410-11	CARBON	270	5%	1/4W F
R691	1-249-410-11	CARBON	270	5%	1/4W F
R692	1-249-410-11	CARBON	270	5%	1/4W F
R693	1-249-407-11	CARBON	150	5%	1/4W F
R694	1-249-407-11	CARBON	150	5%	1/4W F
R695	1-249-410-11	CARBON	270	5%	1/4W F
R697	1-249-407-11	CARBON	150	5%	1/4W F
R698	1-249-407-11	CARBON	150	5%	1/4W F
R699	1-249-407-11	CARBON	150	5%	1/4W F
R700	1-249-407-11	CARBON	150	5%	1/4W F
R701	1-247-847-11	CARBON	4.7K	5%	1/4W
R702	1-249-410-11	CARBON	270	5%	1/4W F

Ref. No.	Part No.	Description			Remarks
R703	1-249-410-11	CARBON	270	5%	1/4W F
R704	1-247-855-11	CARBON	10K	5%	1/4W
R705	1-249-417-11	CARBON	1K	5%	1/4W F
R706	1-247-855-11	CARBON	10K	5%	1/4W
R707	1-247-855-11	CARBON	10K	5%	1/4W
R709	1-247-871-11	CARBON	47K	5%	1/4W
R710	1-247-895-00	CARBON	470K	5%	1/4W
R711	1-247-835-11	CARBON	1.5K	5%	1/4W
R713	1-247-871-11	CARBON	47K	5%	1/4W
R714	1-247-895-00	CARBON	470K	5%	1/4W
R715	1-247-835-11	CARBON	1.5K	5%	1/4W
R717	1-247-871-11	CARBON	47K	5%	1/4W
R718	1-247-895-00	CARBON	470K	5%	1/4W
R719	1-247-835-11	CARBON	1.5K	5%	1/4W
R721	1-247-871-11	CARBON	47K	5%	1/4W
R722	1-247-895-00	CARBON	470K	5%	1/4W
R723	1-247-871-11	CARBON	47K	5%	1/4W
R724	1-247-895-00	CARBON	470K	5%	1/4W
R725	1-247-847-11	CARBON	4.7K	5%	1/4W
R726	1-247-847-11	CARBON	4.7K	5%	1/4W
R727	1-247-847-11	CARBON	4.7K	5%	1/4W
R728	1-247-863-11	CARBON	22K	5%	1/4W
R729	1-247-863-11	CARBON	22K	5%	1/4W
R730	1-247-855-11	CARBON	10K	5%	1/4W
R731	1-247-847-11	CARBON	4.7K	5%	1/4W
R732	1-247-847-11	CARBON	4.7K	5%	1/4W
R733	1-247-847-11	CARBON	4.7K	5%	1/4W
R734	1-247-847-11	CARBON	4.7K	5%	1/4W
R735	1-249-417-11	CARBON	1K	5%	1/4W F
R736	1-249-417-11	CARBON	1K	5%	1/4W F
R737	1-247-847-11	CARBON	4.7K	5%	1/4W
R738	1-247-839-11	CARBON	2.2K	5%	1/4W
R739	1-247-855-11	CARBON	10K	5%	1/4W
R741	1-247-839-11	CARBON	2.2K	5%	1/4W
R745	1-249-417-11	CARBON	1K	5%	1/4W F
R746	1-249-417-11	CARBON	1K	5%	1/4W F
R747	1-247-839-11	CARBON	2.2K	5%	1/4W
R748	1-247-839-11	CARBON	2.2K	5%	1/4W
R749	1-247-846-11	CARBON	4.3K	5%	1/4W
R750	1-249-417-11	CARBON	1K	5%	1/4W F
R751	1-249-410-11	CARBON	270	5%	1/4W F
R752	1-249-410-11	CARBON	270	5%	1/4W F
R756	1-247-839-11	CARBON	2.2K	5%	1/4W
R757	1-247-839-11	CARBON	2.2K	5%	1/4W
R758	1-247-835-11	CARBON	1.5K	5%	1/4W
R759	1-249-418-11	CARBON	1.2K	5%	1/4W F
R761	1-247-871-11	CARBON	47K	5%	1/4W
R762	1-247-879-11	CARBON	100K	5%	1/4W
R763	1-247-879-11	CARBON	100K	5%	1/4W
R764	1-247-887-00	CARBON	220K	5%	1/4W
R770	1-247-847-11	CARBON	4.7K	5%	1/4W
R771	1-247-855-11	CARBON	10K	5%	1/4W
R772	1-247-847-11	CARBON	4.7K	5%	1/4W
R773	1-249-417-11	CARBON	1K	5%	1/4W F

< SWITCH >

S601	1-762-875-11	SWITCH, KEYBOARD (TAPE A, ▶)
S602	1-762-875-11	SWITCH, KEYBOARD (TAPE A, ◀)
S603	1-762-875-11	SWITCH, KEYBOARD (TAPE A, ■)
S604	1-762-875-11	SWITCH, KEYBOARD (TAPE A, ◀◀)
S605	1-762-875-11	SWITCH, KEYBOARD (TAPE A, ▶▶)

Ref. No.	Part No.	Description	Remarks
S606	1-762-875-11	SWITCH, KEYBOARD (TAPE B, ▶)	
S607	1-762-875-11	SWITCH, KEYBOARD (TAPE B, ◀)	
S608	1-762-875-11	SWITCH, KEYBOARD (TAPE B, ■)	
S609	1-762-875-11	SWITCH, KEYBOARD (TAPE B, ▶▶)	
S610	1-762-875-11	SWITCH, KEYBOARD (TAPE B, ◀◀)	
S611	1-762-875-11	SWITCH, KEYBOARD (❚❚ PAUSE)	
S612	1-762-875-11	SWITCH, KEYBOARD (TUNING +)	
S613	1-762-875-11	SWITCH, KEYBOARD (TUNING -)	
S614	1-762-875-11	SWITCH, KEYBOARD (ROCK)	
S615	1-762-875-11	SWITCH, KEYBOARD (POPS)	
S616	1-762-875-11	SWITCH, KEYBOARD (JAZZ)	
S617	1-762-875-11	SWITCH, KEYBOARD (SALSA)	
S618	1-762-875-11	SWITCH, KEYBOARD (FLAT)	
S619	1-762-875-11	SWITCH, KEYBOARD (STEREO/MONO)	
S620	1-762-875-11	SWITCH, KEYBOARD (DBFB)	
S621	1-762-875-11	SWITCH, KEYBOARD (SURROUND)	
S622	1-762-875-11	SWITCH, KEYBOARD (FUNCTION)	
S623	1-762-875-11	SWITCH, KEYBOARD (POWER)	
S624	1-762-875-11	SWITCH, KEYBOARD (CLOCK SET)	
S625	1-762-875-11	SWITCH, KEYBOARD (DAIL)	
S626	1-762-875-11	SWITCH, KEYBOARD (TIMER REC)	
S627	1-762-875-11	SWITCH, KEYBOARD (SLEEP)	
S628	1-762-875-11	SWITCH, KEYBOARD (DISPLAY/DEMO)	
S629	1-762-875-11	SWITCH, KEYBOARD (SPECTRUM ANALYZER)	
S630	1-762-875-11	SWITCH, KEYBOARD (TUNER MEMORY)	
S631	1-762-875-11	SWITCH, KEYBOARD (ENTER/NEXT)	
S632	1-762-875-11	SWITCH, KEYBOARD (TUNER/BAND)	
S633	1-762-875-11	SWITCH, KEYBOARD (TUNING MODE)	
S634	1-762-875-11	SWITCH, KEYBOARD (GROONE)	
S635	1-762-875-11	SWITCH, KEYBOARD (DIRECTION)	
S636	1-762-875-11	SWITCH, KEYBOARD (DOLBY NR)	
S637	1-762-875-11	SWITCH, KEYBOARD (● REC)	
S638	1-762-875-11	SWITCH, KEYBOARD (CD SYNCHRO)	
		< ADJUSTABLE RESISTOR >	
SFR601	1-228-991-00	RES, ADJ, METAL2.2K	
		< VIBRATOR >	
X601	1-579-743-11	VIBRATOR, CRYSTAL 6MHz	
**********			
	1-674-641-11	H/P BOARD	
		*********	
		< JACK >	
JK701	1-569-612-11	JACK, MINIATURE (PHONES)	
**********			
	1-674-637-11	LED BOARD	
		*********	
		< LED >	
D07	8-719-301-44	LED SEL2410E-C-TP	(CASEETTE BOX BACK LIGHT)
D08	8-719-301-44	LED SEL2410E-C-TP	(CASEETTE BOX BACK LIGHT)
D09	8-719-301-44	LED SEL2410E-C-TP	(CASEETTE BOX BACK LIGHT)
D10	8-719-301-44	LED SEL2410E-C-TP	(CASEETTE BOX BACK LIGHT)

Ref. No.	Part No.	Description			Remarks
		< RESISTOR >			
R448	1-249-409-11	CARBON	220	5%	1/4W F (DR3:E,MX,AR/DR330/XB200)
**********					
	A-4426-407-A	MAIN BOARD, COMPLETE (XB200)			
		**********			
	A-4426-408-A	MAIN BOARD, COMPLETE (DR3:E,SP,AR)			
		**********			
	A-4426-409-A	MAIN BOARD, COMPLETE (DR3:AUS)			
		**********			
	A-4426-410-A	MAIN BOARD, COMPLETE (DR3:MX/DR330)			
		**********			
		< CAPACITOR >			
C107	1-162-306-11	CERAMIC	0.01uF	20%	16V (XB200)
C108	1-126-933-11	ELECT	100uF	20%	16V
C113	1-164-159-11	CERAMIC	0.1uF		50V
C114	1-164-159-11	CERAMIC	0.1uF		50V
C115	1-164-206-41	CERAMIC	0.047uF	99%	50V
C116	1-130-467-00	MYLAR	470PF	5%	50V
C117	1-162-206-31	CERAMIC	20PF	5%	50V
C118	1-126-933-11	ELECT	100uF	20%	16V
C120	1-161-494-00	CERAMIC	0.022uF	25V	
C121	1-162-211-31	CERAMIC	33PF	5%	50V
C122	1-126-960-11	ELECT	1uF	20%	50V
C123	1-126-959-11	ELECT	0.47uF	20%	50V
C124	1-162-206-31	CERAMIC	20PF	5%	50V
C125	1-126-960-11	ELECT	1uF	20%	50V
C126	1-164-206-41	CERAMIC	0.047uF	99%	50V
C127	1-126-964-11	ELECT	10uF	20%	50V
C128	1-161-494-00	CERAMIC	0.022uF		25V
C129	1-126-964-11	ELECT	10uF	20%	50V
C130	1-137-352-11	FILM	0.033uF	5%	100V
C131	1-137-352-11	FILM	0.033uF	5%	100V
C132	1-137-504-11	FILM	150PF	5%	50V
C133	1-137-504-11	FILM	150PF	5%	50V
C135	1-162-293-31	CERAMIC	820PF	10%	50V
C137	1-126-963-11	ELECT	4.7uF	20%	50V
C138	1-137-397-11	FILM	0.047uF	5%	100V
C139	1-161-494-00	CERAMIC	0.022uF		25V
C140	1-126-933-11	ELECT	100uF	20%	16V
C141	1-161-494-00	CERAMIC	0.022uF		25V
C142	1-126-933-11	ELECT	100uF	20%	16V
C143	1-137-401-11	FILM	0.22uF	5%	100V
C144	1-137-393-11	FILM	0.01uF	5%	100V
C146	1-162-294-31	CERAMIC	0.001uF	10%	50V
C148	1-161-494-00	CERAMIC	0.022uF		25V
C149	1-162-294-31	CERAMIC	0.001uF	10%	50V
C150	1-164-159-11	CERAMIC	0.1uF		50V
C151	1-128-551-11	ELECT	22uF	20%	25V
C152	1-162-282-31	CERAMIC	100PF	10%	50V
C154	1-164-159-11	CERAMIC	0.1uF		50V
C155	1-162-294-31	CERAMIC	0.001uF	10%	50V
C156	1-102-516-11	CERAMIC	27PF	5%	50V
C157	1-102-516-11	CERAMIC	27PF	5%	50V
C158	1-104-664-11	ELECT	47uF	20%	16V
C159	1-162-306-11	CERAMIC	0.01uF	20%	16V
C160	1-126-963-11	ELECT	4.7uF	20%	50V
C161	1-126-963-11	ELECT	4.7uF	20%	50V

Ref. No.	Part No.	Description			Remarks
C162	1-161-494-00	CERAMIC	0.022uF		25V
C163	1-161-494-00	CERAMIC	0.022uF		25V
C164	1-126-962-11	ELECT	3.3uF	20%	50V
C165	1-162-306-11	CERAMIC	0.01uF	20%	16V
C166	1-162-306-11	CERAMIC	0.01uF	20%	16V (XB200)
C167	1-162-199-31	CERAMIC	10PF	5%	50V (XB200)
C177	1-161-494-00	CERAMIC	0.022uF		25V
C179	1-162-294-31	CERAMIC	0.001uF	10%	50V
C185	1-162-306-11	CERAMIC	0.01uF	20%	16V
C186	1-162-306-11	CERAMIC	0.01uF	20%	16V
C187	1-161-494-00	CERAMIC	0.022uF		25V
C188	1-126-963-11	ELECT	4.7uF	20%	50V
C189	1-162-600-11	CERAMIC	0.0047uF	30%	16V
C193	1-162-290-31	CERAMIC	470PF	10%	50V (XB200)
C194	1-162-286-31	CERAMIC	220PF	10%	50V
C195	1-162-286-31	CERAMIC	220PF	10%	50V
C196	1-162-286-31	CERAMIC	220PF	10%	50V
C197	1-162-286-31	CERAMIC	220PF	10%	50V
C198	1-126-959-11	ELECT	0.47uF	20%	50V
C199	1-162-282-31	CERAMIC	100PF	10%	50V (XB200)
C201	1-162-302-11	CERAMIC	0.0022uF	30%	16V
C202	1-162-302-11	CERAMIC	0.0022uF	30%	16V
C203	1-162-282-31	CERAMIC	100PF	10%	50V
C204	1-162-282-31	CERAMIC	100PF	10%	50V
C205	1-162-290-31	CERAMIC	470PF	10%	50V
C206	1-162-290-31	CERAMIC	470PF	10%	50V
C207	1-162-294-31	CERAMIC	0.001uF	10%	50V
C208	1-162-294-31	CERAMIC	0.001uF	10%	50V
C209	1-162-302-11	CERAMIC	0.0022uF	30%	16V
C210	1-162-302-11	CERAMIC	0.0022uF	30%	16V
C211	1-102-128-00	CERAMIC	0.0082uF	10%	50V
C212	1-102-128-00	CERAMIC	0.0082uF	10%	50V
C213	1-126-959-11	ELECT	0.47uF	20%	50V
C214	1-126-959-11	ELECT	0.47uF	20%	50V
C215	1-126-933-11	ELECT	100uF	20%	16V
C216	1-126-933-11	ELECT	100uF	20%	16V
C217	1-162-294-31	CERAMIC	0.001uF	10%	50V
C218	1-162-294-31	CERAMIC	0.001uF	10%	50V
C219	1-126-959-11	ELECT	0.47uF	20%	50V
C220	1-126-959-11	ELECT	0.47uF	20%	50V
C221	1-126-961-11	ELECT	2.2uF	20%	50V
C222	1-126-961-11	ELECT	2.2uF	20%	50V
C223	1-104-664-11	ELECT	47uF	20%	16V
C224	1-126-964-11	ELECT	10uF	20%	50V
C225	1-126-964-11	ELECT	10uF	20%	50V
C226	1-104-664-11	ELECT	47uF	20%	16V
C227	1-126-961-11	ELECT	2.2uF	20%	50V
C228	1-126-961-11	ELECT	2.2uF	20%	50V
C229	1-162-199-31	CERAMIC	10PF	5%	50V
C230	1-162-199-31	CERAMIC	10PF	5%	50V
C231	1-126-961-11	ELECT	2.2uF	20%	50V
C232	1-126-961-11	ELECT	2.2uF	20%	50V
C233	1-126-962-11	ELECT	3.3uF	20%	50V
C234	1-126-962-11	ELECT	3.3uF	20%	50V
C235	1-126-961-11	ELECT	2.2uF	20%	50V

Ref. No.	Part No.	Description			Remarks
C236	1-126-961-11	ELECT	2.2uF	20%	50V
C237	1-109-889-11	ELECT	1uF	20%	50V
C238	1-126-933-11	ELECT	100uF	20%	16V
C239	1-162-302-11	CERAMIC	0.0022uF	30%	16V
C240	1-162-286-31	CERAMIC	220PF	10%	50V
C241	1-137-352-11	FILM	0.033uF	5%	100V
C242	1-137-352-11	FILM	0.033uF	5%	100V
C243	1-107-357-11	FILM	0.47uF	5%	100V
C244	1-107-357-11	FILM	0.47uF	5%	100V
C245	1-161-494-00	CERAMIC	0.022uF		25V
C246	1-161-494-00	CERAMIC	0.022uF		25V
C248	1-126-961-11	ELECT	2.2uF	20%	50V
C249	1-126-961-11	ELECT	2.2uF	20%	50V
C250	1-164-159-11	CERAMIC	0.1uF		50V
C251	1-126-963-11	ELECT	4.7uF	20%	50V
C252	1-126-963-11	ELECT	4.7uF	20%	50V
C255	1-164-159-11	CERAMIC	0.1uF		50V
C256	1-126-961-11	ELECT	2.2uF	20%	50V
C257	1-126-961-11	ELECT	2.2uF	20%	50V
C260	1-164-159-11	CERAMIC	0.1uF		50V
C301	1-126-961-11	ELECT	2.2uF	20%	50V
C302	1-126-961-11	ELECT	2.2uF	20%	50V
C303	1-162-288-31	CERAMIC	330PF	10%	50V
C304	1-162-288-31	CERAMIC	330PF	10%	50V
C305	1-162-286-31	CERAMIC	220PF	10%	50V
C306	1-162-286-31	CERAMIC	220PF	10%	50V
C307	1-162-288-31	CERAMIC	330PF	10%	50V
C308	1-162-288-31	CERAMIC	330PF	10%	50V
C309	1-126-961-11	ELECT	2.2uF	20%	50V
C310	1-126-961-11	ELECT	2.2uF	20%	50V
C311	1-126-933-11	ELECT	100uF	20%	16V
C312	1-126-933-11	ELECT	100uF	20%	16V
C313	1-162-288-31	CERAMIC	330PF	10%	50V
C314	1-162-288-31	CERAMIC	330PF	10%	50V
C315	1-137-399-11	FILM	0.1uF	5%	100V
C316	1-137-399-11	FILM	0.1uF	5%	100V
C317	1-137-399-11	FILM	0.1uF	5%	100V
C318	1-137-399-11	FILM	0.1uF	5%	100V
C319	1-162-282-31	CERAMIC	100PF	10%	50V
C320	1-162-282-31	CERAMIC	100PF	10%	50V
C321	1-126-933-11	ELECT	100uF	20%	16V
C322	1-126-933-11	ELECT	100uF	20%	16V
C323	1-126-960-11	ELECT	1uF	20%	50V
C324	1-126-960-11	ELECT	1uF	20%	50V
C325	1-126-963-11	ELECT	4.7uF	20%	50V
C327	1-126-934-11	ELECT	220uF	20%	16V
C328	1-126-961-11	ELECT	2.2uF	20%	50V
C329	1-126-961-11	ELECT	2.2uF	20%	50V
C330	1-126-933-11	ELECT	100uF	20%	16V
C333	1-126-933-11	ELECT	100uF	20%	16V
C334	1-126-933-11	ELECT	100uF	20%	16V
C335	1-161-494-00	CERAMIC	0.022uF		25V
C336	1-126-933-11	ELECT	100uF	20%	16V
C337	1-126-934-11	ELECT	220uF	20%	16V
C338	1-161-494-00	CERAMIC	0.022uF		25V
C339	1-161-494-00	CERAMIC	0.022uF		25V
C340	1-126-933-11	ELECT	100uF	20%	16V
C341	1-126-933-11	ELECT	100uF	20%	16V
C342	1-164-159-11	CERAMIC	0.1uF		50V
C343	1-161-494-00	CERAMIC	0.022uF		25V

MAIN

Ref. No.	Part No.	Description			Remarks
C345	1-109-953-11	ELECT	2.2uF	20%	50V
C346	1-137-401-11	FILM	0.22uF	5%	100V
C347	1-162-294-31	CERAMIC	0.001uF	10%	50V
C801	1-162-292-31	CERAMIC	680PF	10%	50V
C802	1-162-292-31	CERAMIC	680PF	10%	50V
C803	1-162-292-31	CERAMIC	680PF	10%	50V
C804	1-162-292-31	CERAMIC	680PF	10%	50V
C805	1-164-159-11	CERAMIC	0.1uF		50V
C806	1-126-933-11	ELECT	100uF	20%	16V
C807	1-126-963-11	ELECT	4.7uF	20%	50V
C808	1-126-963-11	ELECT	4.7uF	20%	50V
C809	1-126-960-11	ELECT	1uF	20%	50V
C811	1-126-964-11	ELECT	10uF	20%	50V
C812	1-126-964-11	ELECT	10uF	20%	50V
C813	1-162-288-31	CERAMIC	330PF	10%	50V
C814	1-162-288-31	CERAMIC	330PF	10%	50V
C815	1-162-288-31	CERAMIC	330PF	10%	50V
C816	1-162-288-31	CERAMIC	330PF	10%	50V
C817	1-162-306-11	CERAMIC	0.01uF	20%	16V
C818	1-162-306-11	CERAMIC	0.01uF	20%	16V
C819	1-126-963-11	ELECT	4.7uF	20%	50V
C820	1-126-963-11	ELECT	4.7uF	20%	50V
C821	1-162-293-31	CERAMIC	820PF	10%	50V
C822	1-162-293-31	CERAMIC	820PF	10%	50V
C823	1-162-282-31	CERAMIC	100PF	10%	50V
C824	1-162-282-31	CERAMIC	100PF	10%	50V
C825	1-164-159-11	CERAMIC	0.1uF		50V
C826	1-126-933-11	ELECT	100uF	20%	16V
C827	1-126-964-11	ELECT	10uF	20%	50V
C828	1-104-664-11	ELECT	47uF	20%	16V
C829	1-126-934-11	ELECT	220uF	20%	16V
C830	1-126-933-11	ELECT	100uF	20%	16V
C831	1-126-960-11	ELECT	1uF	20%	50V
C832	1-126-960-11	ELECT	1uF	20%	50V
C833	1-162-282-31	CERAMIC	100PF	10%	50V
C834	1-162-282-31	CERAMIC	100PF	10%	50V
C835	1-162-287-31	CERAMIC	270PF	10%	50V
C836	1-162-287-31	CERAMIC	270PF	10%	50V
C837	1-162-287-31	CERAMIC	270PF	10%	50V
C838	1-162-287-31	CERAMIC	270PF	10%	50V
C839	1-126-960-11	ELECT	1uF	20%	50V
C840	1-126-960-11	ELECT	1uF	20%	50V
C841	1-164-736-31	CERAMIC	0.0012uF	10%	50V
C842	1-164-736-31	CERAMIC	0.0012uF	10%	50V
C845	1-162-285-31	CERAMIC	180PF	10%	50V
C846	1-162-285-31	CERAMIC	180PF	10%	50V
C847	1-126-960-11	ELECT	1uF	20%	50V
C848	1-126-960-11	ELECT	1uF	20%	50V
C849	1-126-933-11	ELECT	100uF	20%	16V
C851	1-109-889-11	ELECT	1uF	20%	50V
C852	1-109-889-11	ELECT	1uF	20%	50V
C853	1-102-120-00	CERAMIC	0.0018uF	10%	50V
C854	1-102-120-00	CERAMIC	0.0018uF	10%	50V
C855	1-126-964-11	ELECT	10uF	20%	50V
C856	1-126-964-11	ELECT	10uF	20%	50V
C857	1-126-933-11	ELECT	100uF	20%	16V
C858	1-126-933-11	ELECT	100uF	20%	16V
C859	1-126-956-11	ELECT	0.1uF	20%	50V
C860	1-126-956-11	ELECT	0.1uF	20%	50V
C861	1-126-964-11	ELECT	10uF	20%	50V
C862	1-126-964-11	ELECT	10uF	20%	50V
C863	1-126-964-11	ELECT	10uF	20%	50V
C864	1-126-964-11	ELECT	10uF	20%	50V
C865	1-162-290-31	CERAMIC	470PF	10%	50V
C866	1-162-290-31	CERAMIC	470PF	10%	50V
C867	1-128-551-11	ELECT	22uF	20%	25V
C868	1-126-964-11	ELECT	10uF	20%	50V
C869	1-126-956-11	ELECT	0.1uF	20%	50V
C870	1-126-956-11	ELECT	0.1uF	20%	50V
C875	1-136-298-00	FILM	0.0033uF	5%	100V
C876	1-161-494-00	CERAMIC	0.022uF		25V
C877	1-126-961-11	ELECT	2.2uF	20%	50V
C880	1-137-391-11	FILM	0.0047uF	5%	100V
C881	1-136-298-00	FILM	0.0033uF	5%	100V
C882	1-137-350-11	FILM	0.015uF	5%	100V
C883	1-162-292-31	CERAMIC	680PF	10%	50V
C884	1-162-292-31	CERAMIC	680PF	10%	50V
C885	1-162-286-31	CERAMIC	220PF	10%	50V
C886	1-162-286-31	CERAMIC	220PF	10%	50V
C887	1-130-481-00	MYLAR	0.0068uF	5%	50V
C888	1-104-664-11	ELECT	47uF	20%	16V
C891	1-126-960-11	ELECT	1uF	20%	50V
C892	1-162-219-31	CERAMIC	68PF	5%	50V
C893	1-162-219-31	CERAMIC	68PF	5%	50V
C894	1-126-963-11	ELECT	4.7uF	20%	50V
C895	1-126-963-11	ELECT	4.7uF	20%	50V
C896	1-104-664-11	ELECT	47uF	20%	16V
C901	1-164-159-11	CERAMIC	0.1uF		50V
C902	1-164-159-11	CERAMIC	0.1uF		50V
C903	1-126-960-11	ELECT	1uF	20%	50V
C904	1-126-960-11	ELECT	1uF	20%	50V
C905	1-126-959-11	ELECT	0.47uF	20%	50V
C906	1-126-933-11	ELECT	100uF	20%	16V
C907	1-126-956-11	ELECT	0.1uF	20%	50V
C908	1-126-956-11	ELECT	0.1uF	20%	50V
C921	1-126-964-11	ELECT	10uF	20%	50V
C922	1-126-964-11	ELECT	10uF	20%	50V
C925	1-126-964-11	ELECT	10uF	20%	50V

< FILTER >

CF101	1-567-415-71	FILTER, CERAMIC (XB200)	
CF101	1-567-390-11	FILTER,CERAMIC 10.7M (DR3/DR330)	
CF102	1-567-415-11	FILTER, CERAMIC (DR3/DR330)	
CF102	1-567-415-71	FILTER, CERAMIC (XB200)	
CF103	1-527-996-11	FILTER, CERAMIC	
CF104	1-567-415-71	FILTER, CERAMIC	

< CONNECTOR >

*	CN301	1-564-708-11	PIN, CONNECTOR (SMALL TYPE) 6P

< DIODE >

D101	8-719-911-19	DIODE	1SS133
D102	8-719-911-19	DIODE	1SS133
D103	8-719-911-19	DIODE	1SS133
D104	8-719-911-19	DIODE	1SS133
D107	8-719-053-11	DIODE	KV1560-TL34
D109	8-719-911-19	DIODE	1SS133
D110	8-719-010-41	DIODE	UZ-5.6BSA
D111	8-719-911-19	DIODE	1SS133
D301	8-719-911-19	DIODE	1SS133
D302	8-719-911-19	DIODE	1SS133

Ref. No.	Part No.	Description	Remarks
D303	8-719-010-73	DIODE UZ-12BSA	
D304	8-719-010-45	DIODE UZ-6.2BSA	
D305	8-719-911-19	DIODE 1SS133	
D306	8-719-911-19	DIODE 1SS133	
D307	8-719-010-45	DIODE UZ-6.2BSA	
D308	8-719-010-45	DIODE UZ-6.2BSA	
D802	8-719-911-19	DIODE 1SS133	
D803	8-719-911-19	DIODE 1SS133	
D804	8-719-911-19	DIODE 1SS133	
D805	8-719-911-19	DIODE 1SS133	
D806	8-719-911-19	DIODE 1SS133	
D807	8-719-911-19	DIODE 1SS133	
D808	8-719-911-19	DIODE 1SS133	
D811	8-719-911-19	DIODE 1SS133	
D812	8-719-911-19	DIODE 1SS133	
		< FRONTEND >	
FE101	1-693-422-11	FRONT END	
		< IC >	
IC102	8-759-590-14	IC LA1833L	
IC103	8-759-590-13	IC LC72131D	
IC201	8-759-595-07	IC M62443FP	
IC202	8-759-634-51	IC NJM4558D	
IC203	8-759-000-49	IC TC4066BP	
IC301	8-759-634-51	IC NJM4558D	
IC302	8-759-634-51	IC NJM4558D	
IC303	8-759-634-51	IC NJM4558D	
IC801	8-759-206-23	IC TA7784P	
IC802	8-759-545-67	IC TA8135P	
IC803	8-752-056-08	IC CXA1551P	
		< JACK >	
JK101	1-694-092-21	TERMINAL BOARD (SPEAKER)(DR3/DR330)	
JK101	1-694-126-11	TERMINAL BOARD (SPEAKER)(XB200)	
JK201	1-779-688-11	JACK, PIN 6P (MD/VIDEO IN/OUT,PHONO IN)	
		< COIL >	
L104	1-411-901-11	COIL, ANTENNA	
L105	1-429-555-11	TRANSFORMER, MW OSC	
L106	1-412-507-11	INDUCTOR 47uH	
L108	1-412-503-11	INDUCTOR 22uH	
L109	1-410-521-11	INDUCTOR 100uH (XB200)	
L113	1-412-503-11	INDUCTOR 22uH	
L114	1-412-503-11	INDUCTOR 22uH	
L301	1-408-096-00	INDUCTOR 470uH	
L801	1-410-775-11	INDUCTOR 10mH	
L802	1-410-775-11	INDUCTOR 10mH	
L803	1-236-147-11	FILTER, LOW PASS	
L804	1-236-147-11	FILTER, LOW PASS	
L805	1-239-597-11	FILTER, LOW PASS	
L806	1-239-597-11	FILTER, LOW PASS	
L808	1-408-096-00	INDUCTOR 470uH	
L809	1-433-412-11	TRANSFORMER, BIAS OSCILLATION	
		< TRANSISTOR >	
Q101	8-729-015-41	TRANSISTOR 2SC1675-T1	
Q108	8-729-041-83	TRANSISTOR 2SK544E	
Q114	8-729-026-29	TRANSISTOR 2SJ346	
Q116	8-729-194-57	TRANSISTOR 2SC945TP-P	
Q117	8-729-194-57	TRANSISTOR 2SC945TP-P	

Ref. No.	Part No.	Description	Remarks
Q201	8-729-194-57	TRANSISTOR 2SC945TP-P	
Q202	8-729-194-57	TRANSISTOR 2SC945TP-P	
Q203	8-729-194-57	TRANSISTOR 2SC945TP-P	
Q204	8-729-194-57	TRANSISTOR 2SC945TP-P	
Q205	8-729-026-29	TRANSISTOR 2SJ346	
Q206	8-729-194-57	TRANSISTOR 2SC945TP-P	
Q207	8-729-194-57	TRANSISTOR 2SC945TP-P	
Q208	8-729-194-57	TRANSISTOR 2SC945TP-P	
Q209	8-729-194-57	TRANSISTOR 2SC945TP-P	
Q210	8-729-026-29	TRANSISTOR 2SJ346	
Q301	8-729-194-57	TRANSISTOR 2SC945TP-P	
Q302	8-729-194-57	TRANSISTOR 2SC945TP-P	
Q303	8-729-194-57	TRANSISTOR 2SC945TP-P	
Q304	8-729-194-57	TRANSISTOR 2SC945TP-P	
Q305	8-729-224-62	TRANSISTOR 2SK246-GR	
Q306	8-729-026-29	TRANSISTOR 2SJ346	
Q308	8-729-232-32	TRANSISTOR 2SA965-O/Y(TPE6)	
Q309	8-729-140-96	TRANSISTOR 2SC2060-R	
Q310	8-729-140-96	TRANSISTOR 2SC2060-R	
Q801	8-729-194-57	TRANSISTOR 2SC945TP-P	
Q802	8-729-194-57	TRANSISTOR 2SC945TP-P	
Q803	8-729-194-57	TRANSISTOR 2SC945TP-P	
Q804	8-729-194-57	TRANSISTOR 2SC945TP-P	
Q805	8-729-194-57	TRANSISTOR 2SC945TP-P	
Q806	8-729-194-57	TRANSISTOR 2SC945TP-P	
Q807	8-729-194-57	TRANSISTOR 2SC945TP-P	
Q808	8-729-194-57	TRANSISTOR 2SC945TP-P	
Q809	8-729-194-57	TRANSISTOR 2SC945TP-P	
Q810	8-729-194-57	TRANSISTOR 2SC945TP-P	
Q811	8-729-194-57	TRANSISTOR 2SC945TP-P	
Q812	8-729-194-57	TRANSISTOR 2SC945TP-P	
Q813	8-729-194-57	TRANSISTOR 2SC945TP-P	
Q814	8-729-194-57	TRANSISTOR 2SC945TP-P	
Q815	8-729-194-57	TRANSISTOR 2SC945TP-P	
Q816	8-729-142-46	TRANSISTOR 2SC2001-L1	
Q817	8-729-142-46	TRANSISTOR 2SC2001-L1	
Q822	8-729-194-57	TRANSISTOR 2SC945TP-P	
Q823	8-729-119-76	TRANSISTOR 2SA733TP-P	
Q825	8-729-194-57	TRANSISTOR 2SC945TP-P	
Q826	8-729-194-57	TRANSISTOR 2SC945TP-P	
Q829	8-729-194-57	TRANSISTOR 2SC945TP-P	
Q830	8-729-119-76	TRANSISTOR 2SA733TP-P	
Q831	8-729-194-57	TRANSISTOR 2SC945TP-P	
Q832	8-729-194-57	TRANSISTOR 2SC945TP-P	
Q833	8-729-194-57	TRANSISTOR 2SC945TP-P	
		< RESISTOR >	
R104	1-249-409-11	CARBON 220 5% 1/4W F	
R105	1-249-417-11	CARBON 1K 5% 1/4W F	
R106	1-247-807-11	CARBON 100 5% 1/4W	
R106	1-247-849-11	CARBON 5.6K 5% 1/4W	
R107	1-249-427-11	CARBON 6.8K 5% 1/4W F	
R112	1-247-698-11	CARBON 68 5% 1/4W F	
R113	1-249-417-11	CARBON 1K 5% 1/4W F	
R114	1-247-871-11	CARBON 47K 5% 1/4W	
R115	1-249-417-11	CARBON 1K 5% 1/4W F	
R116	1-249-397-11	CARBON 22 5% 1/4W F	
R117	1-247-839-11	CARBON 2.2K 5% 1/4W	
R118	1-247-807-11	CARBON 100 5% 1/4W	
R119	1-249-410-11	CARBON 270 5% 1/4W F	
R120	1-247-843-11	CARBON 3.3K 5% 1/4W	
R121	1-247-855-11	CARBON 10K 5% 1/4W	

MAIN

Ref. No.	Part No.	Description			Remarks
R123	1-249-428-11	CARBON	8.2K	5%	1/4W F
R124	1-247-843-11	CARBON	3.3K	5%	1/4W
R126	1-249-417-11	CARBON	1K	5%	1/4W F
R127	1-249-417-11	CARBON	1K	5%	1/4W F
R128	1-249-431-11	CARBON	15K	5%	1/4W
R129	1-249-431-11	CARBON	15K	5%	1/4W
R130	1-249-405-11	CARBON	100	5%	1/4W F
R131	1-249-417-11	CARBON	1K	5%	1/4W F
R132	1-247-855-11	CARBON	10K	5%	1/4W
R133	1-247-849-11	CARBON	5.6K	5%	1/4W
R134	1-247-855-11	CARBON	10K	5%	1/4W
R135	1-249-417-11	CARBON	1K	5%	1/4W F
R136	1-247-879-11	CARBON	100K	5%	1/4W
R137	1-247-855-11	CARBON	10K	5%	1/4W
R138	1-247-807-11	CARBON	100	5%	1/4W
R139	1-247-855-11	CARBON	10K	5%	1/4W
R140	1-247-855-11	CARBON	10K	5%	1/4W
R141	1-249-417-11	CARBON	1K	5%	1/4W F
R142	1-249-417-11	CARBON	1K	5%	1/4W F
R143	1-249-417-11	CARBON	1K	5%	1/4W F
R144	1-249-411-11	CARBON	330	5%	1/4W
R147	1-247-835-11	CARBON	1.5K	5%	1/4W
R151	1-247-843-11	CARBON	3.3K	5%	1/4W
R155	1-247-843-11	CARBON	3.3K	5%	1/4W
R156	1-247-863-11	CARBON	22K	5%	1/4W
R157	1-247-863-11	CARBON	22K	5%	1/4W
R167	1-249-411-11	CARBON	330	5%	1/4W (XB200)
R172	1-247-847-11	CARBON	4.7K	5%	1/4W
R173	1-249-432-11	CARBON	18K	5%	1/4W
R174	1-249-409-11	CARBON	220	5%	1/4W F
R180	1-249-431-11	CARBON	15K	5%	1/4W
R201	1-249-417-11	CARBON	1K	5%	1/4W F
R202	1-249-417-11	CARBON	1K	5%	1/4W F
R203	1-249-417-11	CARBON	1K	5%	1/4W F
R204	1-249-417-11	CARBON	1K	5%	1/4W F
R205	1-247-855-11	CARBON	10K	5%	1/4W
R206	1-247-855-11	CARBON	10K	5%	1/4W
R207	1-247-879-11	CARBON	100K	5%	1/4W
R208	1-247-879-11	CARBON	100K	5%	1/4W
R209	1-247-825-11	CARBON	560	5%	1/4W
R210	1-247-825-11	CARBON	560	5%	1/4W
R211	1-247-867-11	CARBON	33K	5%	1/4W
R212	1-247-867-11	CARBON	33K	5%	1/4W
R213	1-247-893-11	CARBON	390K	5%	1/4W
R214	1-247-893-11	CARBON	390K	5%	1/4W
R215	1-247-839-11	CARBON	2.2K	5%	1/4W
R216	1-247-839-11	CARBON	2.2K	5%	1/4W
R217	1-247-835-11	CARBON	1.5K	5%	1/4W
R218	1-247-835-11	CARBON	1.5K	5%	1/4W
R219	1-249-413-11	CARBON	470	5%	1/4W F
R220	1-249-413-11	CARBON	470	5%	1/4W F
R221	1-247-839-11	CARBON	2.2K	5%	1/4W
R222	1-247-839-11	CARBON	2.2K	5%	1/4W
R223	1-247-835-11	CARBON	1.5K	5%	1/4W
R224	1-247-835-11	CARBON	1.5K	5%	1/4W
R225	1-247-855-11	CARBON	10K	5%	1/4W
R227	1-247-855-11	CARBON	10K	5%	1/4W
R228	1-249-417-11	CARBON	1K	5%	1/4W F
R229	1-247-879-11	CARBON	100K	5%	1/4W
R231	1-247-839-11	CARBON	2.2K	5%	1/4W

Ref. No.	Part No.	Description			Remarks
R232	1-247-839-11	CARBON	2.2K	5%	1/4W
R233	1-249-427-11	CARBON	6.8K	5%	1/4W F
R234	1-249-427-11	CARBON	6.8K	5%	1/4W F
R235	1-214-945-00	METAL	2.2M	1%	1/2W
R236	1-214-945-00	METAL	2.2M	1%	1/2W
R237	1-249-418-11	CARBON	1.2K	5%	1/4W F
R238	1-249-418-11	CARBON	1.2K	5%	1/4W F
R239	1-249-413-11	CARBON	470	5%	1/4W F
R240	1-247-871-11	CARBON	47K	5%	1/4W
R241	1-249-417-11	CARBON	1K	5%	1/4W F
R242	1-247-839-11	CARBON	2.2K	5%	1/4W
R243	1-247-847-11	CARBON	4.7K	5%	1/4W
R244	1-247-847-11	CARBON	4.7K	5%	1/4W
R245	1-249-427-11	CARBON	6.8K	5%	1/4W F
R246	1-249-427-11	CARBON	6.8K	5%	1/4W F
R247	1-247-835-11	CARBON	1.5K	5%	1/4W
R248	1-247-835-11	CARBON	1.5K	5%	1/4W
R249	1-247-835-11	CARBON	1.5K	5%	1/4W
R250	1-247-835-11	CARBON	1.5K	5%	1/4W
R251	1-247-871-11	CARBON	47K	5%	1/4W
R252	1-247-871-11	CARBON	47K	5%	1/4W
R253	1-247-839-11	CARBON	2.2K	5%	1/4W
R254	1-247-839-11	CARBON	2.2K	5%	1/4W
R255	1-249-417-11	CARBON	1K	5%	1/4W F
R256	1-249-417-11	CARBON	1K	5%	1/4W F
R257	1-247-847-11	CARBON	4.7K	5%	1/4W
R258	1-247-855-11	CARBON	10K	5%	1/4W
R259	1-247-855-11	CARBON	10K	5%	1/4W
R260	1-247-871-11	CARBON	47K	5%	1/4W
R301	1-249-417-11	CARBON	1K	5%	1/4W F
R302	1-249-417-11	CARBON	1K	5%	1/4W F
R303	1-247-879-11	CARBON	100K	5%	1/4W
R304	1-247-879-11	CARBON	100K	5%	1/4W
R305	1-247-855-11	CARBON	10K	5%	1/4W
R306	1-247-855-11	CARBON	10K	5%	1/4W
R307	1-247-849-11	CARBON	5.6K	5%	1/4W
R308	1-247-849-11	CARBON	5.6K	5%	1/4W
R309	1-249-417-11	CARBON	1K	5%	1/4W F
R310	1-249-417-11	CARBON	1K	5%	1/4W F
R311	1-249-417-11	CARBON	1K	5%	1/4W F
R312	1-249-417-11	CARBON	1K	5%	1/4W F
R313	1-247-871-11	CARBON	47K	5%	1/4W
R314	1-247-871-11	CARBON	47K	5%	1/4W
R315	1-249-432-11	CARBON	18K	5%	1/4W
R316	1-249-432-11	CARBON	18K	5%	1/4W
R317	1-247-855-11	CARBON	10K	5%	1/4W
R318	1-247-855-11	CARBON	10K	5%	1/4W
R319	1-249-440-11	CARBON	82K	5%	1/4W
R320	1-249-440-11	CARBON	82K	5%	1/4W
R321	1-247-887-00	CARBON	220K	5%	1/4W
R322	1-247-887-00	CARBON	220K	5%	1/4W
R323	1-247-839-11	CARBON	2.2K	5%	1/4W
R324	1-247-839-11	CARBON	2.2K	5%	1/4W
R325	1-247-871-11	CARBON	47K	5%	1/4W
R326	1-247-871-11	CARBON	47K	5%	1/4W
R327	1-249-417-11	CARBON	1K	5%	1/4W F
R328	1-249-417-11	CARBON	1K	5%	1/4W F
R329	1-247-871-11	CARBON	47K	5%	1/4W
R330	1-247-847-11	CARBON	4.7K	5%	1/4W
R331	1-247-855-11	CARBON	10K	5%	1/4W

Ref. No.	Part No.	Description			Remarks
R332	1-247-855-11	CARBON	10K	5%	1/4W
R333	1-247-871-11	CARBON	47K	5%	1/4W
R334	1-247-871-11	CARBON	47K	5%	1/4W
R337	1-247-863-11	CARBON	22K	5%	1/4W
R338	1-249-420-11	CARBON	1.8K	5%	1/4W F
R339	1-247-903-00	CARBON	1M	5%	1/4W
R344	1-249-418-11	CARBON	1.2K	5%	1/4W F
R345	1-249-413-11	CARBON	470	5%	1/4W F
R346	1-215-880-11	METAL OXIDE	10	5%	2W F
R347	1-249-417-11	CARBON	1K	5%	1/4W F
R350	1-249-418-11	CARBON	1.2K	5%	1/4W F
R351	1-249-424-11	CARBON	3.9K	5%	1/4W F
R352	1-247-879-11	CARBON	100K	5%	1/4W
R353	1-247-871-11	CARBON	47K	5%	1/4W
R354	1-249-409-11	CARBON	220	5%	1/4W F
R355	1-247-847-11	CARBON	4.7K	5%	1/4W
R356	1-249-413-11	CARBON	470	5%	1/4W F
R357	1-249-413-11	CARBON	470	5%	1/4W F
R801	1-249-393-11	CARBON	10	5%	1/4W F
R802	1-249-393-11	CARBON	10	5%	1/4W F
R803	1-247-855-11	CARBON	10K	5%	1/4W
R804	1-247-855-11	CARBON	10K	5%	1/4W
R805	1-247-855-11	CARBON	10K	5%	1/4W
R806	1-247-855-11	CARBON	10K	5%	1/4W
R807	1-249-434-11	CARBON	27K	5%	1/4W
R808	1-249-417-11	CARBON	1K	5%	1/4W F
R810	1-247-855-11	CARBON	10K	5%	1/4W
R811	1-247-847-11	CARBON	4.7K	5%	1/4W
R812	1-247-839-11	CARBON	2.2K	5%	1/4W
R814	1-249-427-11	CARBON	6.8K	5%	1/4W F
R815	1-249-427-11	CARBON	6.8K	5%	1/4W F
R816	1-247-891-00	CARBON	330K	5%	1/4W
R817	1-247-891-00	CARBON	330K	5%	1/4W
R818	1-247-871-11	CARBON	47K	5%	1/4W
R819	1-247-871-11	CARBON	47K	5%	1/4W
R820	1-249-431-11	CARBON	15K	5%	1/4W
R821	1-249-431-11	CARBON	15K	5%	1/4W
R822	1-249-434-11	CARBON	27K	5%	1/4W
R823	1-249-434-11	CARBON	27K	5%	1/4W
R824	1-247-843-11	CARBON	3.3K	5%	1/4W
R825	1-247-843-11	CARBON	3.3K	5%	1/4W
R826	1-247-825-11	CARBON	560	5%	1/4W
R827	1-249-436-11	CARBON	39K	5%	1/4W
R828	1-249-409-11	CARBON	220	5%	1/4W F
R829	1-249-431-11	CARBON	15K	5%	1/4W
R830	1-249-427-11	CARBON	6.8K	5%	1/4W F
R831	1-247-855-11	CARBON	10K	5%	1/4W
R832	1-247-855-11	CARBON	10K	5%	1/4W
R833	1-247-855-11	CARBON	10K	5%	1/4W
R834	1-247-879-11	CARBON	100K	5%	1/4W
R835	1-247-879-11	CARBON	100K	5%	1/4W
R836	1-249-420-11	CARBON	1.8K	5%	1/4W F
R837	1-249-417-11	CARBON	1K	5%	1/4W F
R838	1-249-417-11	CARBON	1K	5%	1/4W F
R839	1-249-428-11	CARBON	8.2K	5%	1/4W F
R840	1-249-428-11	CARBON	8.2K	5%	1/4W F
R841	1-247-889-00	CARBON	270K	5%	1/4W
R842	1-247-889-00	CARBON	270K	5%	1/4W
R843	1-247-849-11	CARBON	5.6K	5%	1/4W
R844	1-247-849-11	CARBON	5.6K	5%	1/4W

Ref. No.	Part No.	Description			Remarks
R845	1-247-863-11	CARBON	22K	5%	1/4W
R846	1-247-863-11	CARBON	22K	5%	1/4W
R847	1-249-417-11	CARBON	1K	5%	1/4W F
R848	1-249-417-11	CARBON	1K	5%	1/4W F
R849	1-214-941-00	METAL	1.5M	1%	1/2W
R850	1-247-855-11	CARBON	10K	5%	1/4W
R851	1-247-855-11	CARBON	10K	5%	1/4W
R852	1-247-903-00	CARBON	1M	5%	1/4W
R853	1-247-903-00	CARBON	1M	5%	1/4W
R854	1-247-847-11	CARBON	4.7K	5%	1/4W
R855	1-247-847-11	CARBON	4.7K	5%	1/4W
R856	1-247-841-11	CARBON	2.7K	5%	1/4W
R857	1-247-841-11	CARBON	2.7K	5%	1/4W
R858	1-247-849-11	CARBON	5.6K	5%	1/4W
R859	1-247-849-11	CARBON	5.6K	5%	1/4W
R860	1-249-417-11	CARBON	1K	5%	1/4W F
R861	1-249-430-11	CARBON	12K	5%	1/4W
R862	1-249-430-11	CARBON	12K	5%	1/4W
R863	1-247-839-11	CARBON	2.2K	5%	1/4W
R864	1-247-839-11	CARBON	2.2K	5%	1/4W
R865	1-249-430-11	CARBON	12K	5%	1/4W
R866	1-249-430-11	CARBON	12K	5%	1/4W
R867	1-247-879-11	CARBON	100K	5%	1/4W
R868	1-249-431-11	CARBON	15K	5%	1/4W
R869	1-249-431-11	CARBON	15K	5%	1/4W
R870	1-247-855-11	CARBON	10K	5%	1/4W
R871	1-247-855-11	CARBON	10K	5%	1/4W
R872	1-247-867-11	CARBON	33K	5%	1/4W
R873	1-247-867-11	CARBON	33K	5%	1/4W
R874	1-247-839-11	CARBON	2.2K	5%	1/4W
R875	1-247-839-11	CARBON	2.2K	5%	1/4W
R876	1-249-439-11	CARBON	68K	5%	1/4W
R877	1-249-439-11	CARBON	68K	5%	1/4W
R878	1-249-432-11	CARBON	18K	5%	1/4W
R880	1-249-409-11	CARBON	220	5%	1/4W F
R881	1-247-855-11	CARBON	10K	5%	1/4W
R883	1-249-417-11	CARBON	1K	5%	1/4W F
R884	1-249-417-11	CARBON	1K	5%	1/4W F
R887	1-247-843-11	CARBON	3.3K	5%	1/4W
R888	1-247-855-11	CARBON	10K	5%	1/4W
R889	1-247-847-11	CARBON	4.7K	5%	1/4W
R890	1-247-839-11	CARBON	2.2K	5%	1/4W
R891	1-247-855-11	CARBON	10K	5%	1/4W
R892	1-247-855-11	CARBON	10K	5%	1/4W
R893	1-249-381-11	CARBON	1	5%	1/4W F
R894	1-249-399-11	CARBON	33	5%	1/4W F
R895	1-249-431-11	CARBON	15K	5%	1/4W
R896	1-249-431-11	CARBON	15K	5%	1/4W
R897	1-247-855-11	CARBON	10K	5%	1/4W
R898	1-249-401-11	CARBON	47	5%	1/4W F
R899	1-249-401-11	CARBON	47	5%	1/4W F
R901	1-247-703-11	CARBON	180	5%	1/4W F
R905	1-249-438-11	CARBON	56K	5%	1/4W
R906	1-247-847-11	CARBON	4.7K	5%	1/4W
R907	1-247-855-11	CARBON	10K	5%	1/4W
R911	1-247-855-11	CARBON	10K	5%	1/4W
R912	1-247-855-11	CARBON	10K	5%	1/4W
R913	1-247-839-11	CARBON	2.2K	5%	1/4W
R914	1-247-871-11	CARBON	47K	5%	1/4W
R915	1-247-871-11	CARBON	47K	5%	1/4W

Ref. No.	Part No.	Description			Remarks
R916	1-247-899-11	CARBON	680K	5%	1/4W
R917	1-247-885-00	CARBON	180K	5%	1/4W
R918	1-249-411-11	CARBON	330	5%	1/4W
R919	1-247-855-11	CARBON	10K	5%	1/4W
R920	1-247-899-11	CARBON	680K	5%	1/4W
R921	1-247-885-00	CARBON	180K	5%	1/4W
R922	1-249-417-11	CARBON	1K	5%	1/4W F
R923	1-247-855-11	CARBON	10K	5%	1/4W
R924	1-247-855-11	CARBON	10K	5%	1/4W
R925	1-247-879-11	CARBON	100K	5%	1/4W
R926	1-249-409-11	CARBON	220	5%	1/4W F
R930	1-247-839-11	CARBON	2.2K	5%	1/4W
R931	1-247-863-11	CARBON	22K	5%	1/4W
		< ADJUSTABLE RESISTOR >			
SFR101	1-228-995-00	RES, ADJ, METAL22K			
SFR801	1-228-990-00	RES, ADJ, METAL1K			
SFR802	1-228-990-00	RES, ADJ, METAL1K			
SFR803	1-228-995-00	RES, ADJ, METAL22K			
SFR804	1-228-995-00	RES, ADJ, METAL22K			
SFR805	1-228-995-00	RES, ADJ, METAL22K			
SFR806	1-228-995-00	RES, ADJ, METAL22K			
SFR807	1-228-998-00	RES, ADJ, METAL220K			
SFR808	1-228-998-00	RES, ADJ, METAL220K			
		< TRANSFORMER >			
T102	1-429-554-11	TRANSFORMER, AM IFT			
		< TRIMMER >			
TC102	1-141-304-21	CAP, TRIMMER 10PF			
		< VIBRATOR >			
X101	1-579-585-11	VIBRATOR, CRYSTAL 7.2MHz			
**********					
	1-675-422-11	MOTOR BOARD			
		**********			
		< CAPACITOR >			
C43	1-164-159-11	CERAMIC	0.1uF		50V
		< SWITCH >			
S06	1-762-587-11	SWITCH, PUSH (1 KEY)			
**********					
*	1-675-422-11	MOTOR (6P) (C) BOARD			
		**********			
		< CONNECTOR >			
CN03	1-564-722-11	PIN, CONNECTOR (SMALL TYPE) 6P			
		< MOTOR >			
M101	X-2625-877-1	MOTOR ASSY (SPINDLE)			
M102	X-2625-769-1	MOTOR ASSY (SLED)			
		< SWITCH >			
S05	1-572-085-11	SWITCH, LEAF (LIMIT)			
**********					

Ref. No.	Part No.	Description			Remarks
	1-674-638-11	POWER SUPPLY BOARD			
		**********			
	1-533-293-11	FUSE HOLDER			
		< FUSE >			
⚠F702	1-532-464-31	FUSE 2.5A 250V (DR3: AUS, XB200)			
⚠F702	1-532-505-31	FUSE 5A 250V (DR3: E,SP,AR)			
⚠F702	1-576-109-11	FUSE 5A 125V (DR3: MX,DR330)			
⚠F703	1-532-464-31	FUSE 2.5A 250V (DR3: E,SP,AR)			
**********					
	A-4426-417-A	POWER(AMP) BOARD, COMPLETE (XB200)			
		**********			
	A-4426-418-A	POWER(AMP) BOARD, COMPLETE (DR3:E,SP,AR,AUS)			
		**********			
	A-4426-419-A	POWER(AMP) BOARD, COMPLETE (DR3:MX/DR330)			
		**********			
	1-533-293-11	FUSE HOLDER			
		< CAPACITOR >			
C703	1-162-290-31	CERAMIC	470PF	10%	50V
C704	1-162-290-31	CERAMIC	470PF	10%	50V
C705	1-126-964-11	ELECT	10uF	20%	50V
C706	1-126-964-11	ELECT	10uF	20%	50V
C707	1-128-563-11	ELECT	100uF	20%	100V
C708	1-128-563-11	ELECT	100uF	20%	100V
C709	1-164-159-11	CERAMIC	0.1uF		50V
C710	1-128-563-11	ELECT	100uF	20%	100V
C711	1-128-563-11	ELECT	100uF	20%	100V
C713	1-162-199-31	CERAMIC	10PF	5%	50V
C714	1-162-199-31	CERAMIC	10PF	5%	50V
C717	1-137-351-11	FILM	0.022uF	5%	100V
C718	1-137-351-11	FILM	0.022uF	5%	100V
C719	1-164-159-11	CERAMIC	0.1uF		50V
C721	1-137-399-11	FILM	0.1uF	5%	100V
C722	1-137-399-11	FILM	0.1uF	5%	100V
C724	1-137-393-11	FILM	0.01uF	5%	100V
C725	1-126-235-11	ELECT	100uF	20%	16V
C726	1-126-933-11	ELECT	100uF	20%	16V
C727	1-161-494-00	CERAMIC	0.022uF		25V
C728	1-126-963-11	ELECT	4.7uF	20%	50V
C734	1-161-494-00	CERAMIC	0.022uF		25V
C735	1-126-949-11	ELECT	220uF	20%	35V
C736	1-161-494-00	CERAMIC	0.022uF		25V
C737	1-126-948-11	ELECT	100uF	20%	35V
C738	1-161-494-00	CERAMIC	0.022uF		25V
C739	1-126-935-11	ELECT	470uF	20%	16V
C740	1-161-494-00	CERAMIC	0.022uF		25V
C741	1-104-482-11	ELECT	4700uF	20%	63V
C742	1-104-482-11	ELECT	4700uF	20%	63V
C743	1-102-129-00	CERAMIC	10000PF	10%	50V
C744	1-102-129-00	CERAMIC	10000PF	10%	50V
C745	1-102-129-00	CERAMIC	10000PF	10%	50V
C746	1-102-129-00	CERAMIC	10000PF	10%	50V
C747	1-161-494-00	CERAMIC	0.022uF		25V

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Ref. No.	Part No.	Description			Remarks
C748	1-161-494-00	CERAMIC	0.022uF		25V
C749	1-161-494-00	CERAMIC	0.022uF		25V
C750	1-161-494-00	CERAMIC	0.022uF		25V
C751	1-126-943-11	ELECT	2200uF	20%	25V
C752	1-126-933-11	ELECT	100uF	20%	16V
C753	1-161-494-00	CERAMIC	0.022uF		25V
C754	1-161-494-00	CERAMIC	0.022uF		25V
C755	1-161-494-00	CERAMIC	0.022uF		25V
C756	1-126-934-11	ELECT	220uF	20%	16V
C757	1-126-934-11	ELECT	220uF	20%	16V
C758	1-161-494-00	CERAMIC	0.022uF		25V
C759	1-109-952-11	ELECT	0.47uF	20%	50V
C762	1-126-959-11	ELECT	0.47uF	20%	50V
C763	1-126-933-11	ELECT	100uF	20%	16V
C764	1-104-664-11	ELECT	47uF	20%	16V
		< CONNECTOR >			
* CN701	1-564-715-11	PIN, CONNECTOR (SMALL TYPE)13P			
CN702	1-564-707-11	PIN, CONNECTOR (SMALL TYPE) 5P			
* CN703	1-564-510-11	PLUG, CONNECTOR 7P			
		< DIODE >			
D701	8-719-027-23	DIODE GBU6D			
D702	8-719-010-73	DIODE UZ-12BSA			
D703	8-719-011-06	DIODE UZ-27BSA			
D704	8-719-010-61	DIODE UZ-9.1BSA			
D705	8-719-031-85	DIODE 1N4002L			
D706	8-719-031-85	DIODE 1N4002L			
D707	8-719-031-85	DIODE 1N4002L			
D708	8-719-031-85	DIODE 1N4002L			
D709	8-719-031-85	DIODE 1N4002L			
D710	8-719-911-19	DIODE 1SS133			
D712	8-719-911-19	DIODE 1SS133			
D713	8-719-911-19	DIODE 1SS133			
D714	8-719-911-19	DIODE 1SS133			
D715	8-719-911-19	DIODE 1SS133			
D716	8-719-911-19	DIODE 1SS133			
D717	8-719-911-19	DIODE 1SS133			
D718	8-719-911-19	DIODE 1SS133			
D719	8-719-911-19	DIODE 1SS133			
		< FUSE >			
⚠F701	1-532-388-31	FUSE 2A 250V (EXCEPT MX)			
⚠F701	1-576-104-11	FUSE 2A 250V (MX)			
		< IC >			
IC701	8-749-015-46	IC STK407-100E (DR3/DR330)			
IC701	8-749-015-45	IC STK407-090E (XB200)			
IC702	8-759-111-68	IC uPC1237HA			
		< TERMINAL >			
JK703	1-694-443-11	TERMINAL BOARD (SPEAKER)			
		< COIL >			
L702	1-420-872-00	COIL, AIR CORE (XB200)			
L703	1-420-872-00	COIL, AIR CORE (XB200)			

Ref. No.	Part No.	Description			Remarks
		< TRANSISTOR >			
Q702	8-729-188-23	TRANSISTOR 2SD882-P			
Q703	8-729-200-36	TRANSISTOR 2SA966-Y			
Q704	8-729-048-99	TRANSISTOR 2SK2541			
Q705	8-729-048-99	TRANSISTOR 2SK2541			
Q706	8-729-231-55	TRANSISTOR 2SC2878-A			
Q707	8-729-231-55	TRANSISTOR 2SC2878-A			
Q708	8-729-108-19	TRANSISTOR 2SA988TP-EA			
Q709	8-729-231-55	TRANSISTOR 2SC2878-A			
Q710	8-729-231-55	TRANSISTOR 2SC2878-A			
Q711	8-729-184-53	TRANSISTOR 2SC1841TP-EA			
Q712	8-729-184-53	TRANSISTOR 2SC1841TP-EA			
Q713	8-729-026-29	TRANSISTOR 2SJ346			
		< RESISTOR >			
R701	1-249-438-11	CARBON	56K	5%	1/4W
R702	1-249-438-11	CARBON	56K	5%	1/4W
R703	1-247-839-11	CARBON	2.2K	5%	1/4W
R704	1-247-839-11	CARBON	2.2K	5%	1/4W
R705	1-249-438-11	CARBON	56K	5%	1/4W
R706	1-249-438-11	CARBON	56K	5%	1/4W
R707	1-247-839-11	CARBON	2.2K	5%	1/4W
R708	1-247-839-11	CARBON	2.2K	5%	1/4W
R709	1-249-438-11	CARBON	56K	5%	1/4W
R710	1-249-438-11	CARBON	56K	5%	1/4W
R711	1-249-405-11	CARBON	100	5%	1/4W F
R712	1-249-417-11	CARBON	1K	5%	1/4W F
R713	1-249-417-11	CARBON	1K	5%	1/4W F
R714	1-249-405-11	CARBON	100	5%	1/4W F
R715	1-249-431-11	CARBON	15K	5%	1/4W
R716	1-249-431-11	CARBON	15K	5%	1/4W
R719	1-220-890-11	METAL	0.22	10%	3W
R720	1-220-890-11	METAL	0.22	10%	3W
R721	1-247-879-11	CARBON	100K	5%	1/4W
R722	1-247-879-11	CARBON	100K	5%	1/4W
R723	1-215-429-00	METAL	2.2K	1%	1/4W
R724	1-215-429-00	METAL	2.2K	1%	1/4W
R725	1-247-843-11	CARBON	3.3K	5%	1/4W
R726	1-247-843-11	CARBON	3.3K	5%	1/4W
R727	1-249-430-11	CARBON	12K	5%	1/4W
R728	1-249-430-11	CARBON	12K	5%	1/4W
R729	1-247-839-11	CARBON	2.2K	5%	1/4W
R730	1-247-871-11	CARBON	47K	5%	1/4W
R731	1-247-887-00	CARBON	220K	5%	1/4W
R732	1-249-417-11	CARBON	1K	5%	1/4W F
R733	1-249-438-11	CARBON	56K	5%	1/4W
R734	1-247-847-11	CARBON	4.7K	5%	1/4W
R735	1-249-455-11	CARBON	4.7	5%	1/4W
R736	1-249-455-11	CARBON	4.7	5%	1/4W
R737	1-247-784-00	CARBON	11	5%	1/4W (XB200)

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

POWER (AMP) | REM | PHOTO SOCKET | TR | VR

Ref. No.	Part No.	Description			Remarks
R738	1-247-784-00	CARBON	11	5%	1/4W (XB200)
R739	1-215-857-11	METAL OXIDE	10	5%	1W F
R740	1-216-450-00	METAL OXIDE	82	5%	2W F (DR3/DR330)
R740	1-214-828-00	METAL	33	1%	1/2W (XB200)
R742	1-249-413-11	CARBON	470	5%	1/4W F
R743	1-249-418-11	CARBON	1.2K	5%	1/4W F
R744	1-249-411-11	CARBON	330	5%	1/4W
R747	1-247-847-11	CARBON	4.7K	5%	1/4W
R748	1-247-855-11	CARBON	10K	5%	1/4W
R749	1-247-841-11	CARBON	2.7K	5%	1/4W
R750	1-247-839-11	CARBON	2.2K	5%	1/4W
R751	1-247-862-11	CARBON	20K	5%	1/4W
R752	1-247-855-11	CARBON	10K	5%	1/4W
R753	1-247-855-11	CARBON	10K	5%	1/4W
R754	1-247-895-00	CARBON	470K	5%	1/4W
R760	1-247-863-11	CARBON	22K	5%	1/4W
R761	1-247-855-11	CARBON	10K	5%	1/4W
R762	1-247-903-00	CARBON	1M	5%	1/4W
R763	1-247-879-11	CARBON	100K	5%	1/4W
R764	1-249-417-11	CARBON	1K	5%	1/4W F
R765	1-247-863-11	CARBON	22K	5%	1/4W
R766	1-247-863-11	CARBON	22K	5%	1/4W
		< RELAY >			
RL701	1-515-921-11	RELAY (12V)			
**********					
	1-674-633-11	REM BOARD			
		**********			
		< CAPACITOR >			
C666	1-126-966-11	ELECT	33uF	20%	16V
		< SENSOR >			
RM601	8-749-013-84	IC SPS-447-1 (REMOTE SENSOR)			
**********					
	1-675-425-11	PHOTO SOCKET BOARD			
		**********			
		< CAPACITOR >			
C76	1-164-159-11	CERAMIC	0.1uF		50V
C76A	1-164-159-11	CERAMIC	0.1uF		50V
		< PHOTOINTERRUPTER >			
PH01	8-749-923-04	ICTOTX178A			
		< RESISTOR >			
R76	1-249-417-11	CARBON	1K	5%	1/4W F
**********					

Ref. No.	Part No.	Description	Remarks
	1-674-642-11	TR BOARD	
		********	
		< TRANSISTOR >	
Q701	8-729-822-89	TRANSISTOR 2SD1667	
**********			
	1-674-631-11	VR BOARD	
		**********	
		< VARIABLE RESISTOR >	
VR601	1-475-841-11	ENCODER (VOLUME)	
**********			
		MISCELLANEOUS	
		**********	
124	1-772-164-11	DECK, MECH	
135	1-783-579-11	WIRE (FLAT TYPE) (16 CORE)	
⚠151	1-551-506-99	CORD, POWER(DR3:E,MX,DR330)	
⚠151	1-555-795-00	CORD, POWER(DR3:SP/XB200:AEP,EE,CIS)	
⚠151	1-696-572-21	CORD, POWER(XB200:UK)	
⚠151	1-696-966-11	CORD, POWER(DR3:AU)	
⚠151	1-783-941-51	CORD, POWER(DR3:AR)	
⚠254	8-820-054-03	OPTICAL PICK UP KSM-213ECM/C2NP	
256	1-769-856-11	WIRE(FLAT TYPE) (5 CORE)	
M01	1-541-632-11	MOTOR DC	
M101	X-2625-877-1	MOTOR ASSY (SPINDLE)	
M102	X-2625-769-1	MOTOR ASSY (SLED)	
⚠T001	1-433-921-11	TRANSFORMER, POWER(DR3:MX,DR330)	
⚠T001	1-433-922-11	TRANSFORMER, POWER(XB200)	
⚠T001	1-433-923-11	TRANSFORMER, POWER(DR3:E,SP,AR)	
⚠T001	1-433-924-11	TRANSFORMER, POWER(DR3:AU)	
		**********	
		HARDWARELIST	
		**********	
#1	7-685-903-21	SCREW +PTPWH 3 × 8 (TYPE2)	
#2	7-685-871-09	SCREW +BVTT 3 × 6 (S)	
#3	7-682-549-09	SCREW +B 3 × 10	
#4	7-685-871-01	SCREW +BVTT 3 × 6 (S)	
#5	7-685-863-09	SCREW +BVTT 2.6 × 8 (S)	
#6	7-685-646-79	SCREW +BVTP 3 × 8 TYPE2 TT(B)	
#7	7-685-647-79	SCREW, TAPPING	
#9	7-682-904-11	SCREW +PWH 4 × 8	
#10	7-681-000-61	SCREW +PWH M3 × 8	
#11	7-685-902-11	SCREW +PWH 2.6 × 6	
#14	7-621-255-15	SCREW +P 2 × 3	

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Sony Corporation
Home Audio Company

99F1671-1
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